



## DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER19960001  
Agency Interest No. 3492

David W. Knowles  
General Manager, Operations  
LBC Houston, L.P.  
11666 Port Road  
Seabrook, TX 77586

RE: Part 70 Operating Permit, LBC Baton Rouge LLC  
Sunshine, Iberville Parish, Louisiana

Dear Mr. Knowles:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the \_\_\_\_\_ of \_\_\_\_\_, 2006, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

Permit No.: 1280-00025-V0

Sincerely,

Chuck Carr Brown Ph.D.  
Assistant Secretary  
CCB: zdb  
cc: EPA Region VI

**ENVIRONMENTAL SERVICES**  
PO BOX 4313, BATON ROUGE, LA 70821-4313  
P:225-219-3181 F:225-219-3309  
[WWW.DEQ.LOUISIANA.GOV](http://WWW.DEQ.LOUISIANA.GOV)

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LBC Baton Rouge LLC**  
**Agency Interest No.: 3492**  
**Sunshine, Iberville Parish, Louisiana**

**I. Background**

LBC Baton Rouge LLC (LBC) is an existing bulk liquid storage and terminal facility that has been in operation since 1977. The facility operated as PetroUnited Terminals, Inc. until the facility name change to LBC Baton Rouge LLC in 2001. The facility currently operates under Permit No. 1280-00025-04, issued January 01, 1996; small source permits 2563(M-1) amended September 17, 1998 and April 17, 2000, 2761 issued November 02, 2001; an exemption issued April 4, 2005; and small source permit 3028, issued March 24, 2006.

Previous permits for the terminal are listed:

Identification / Permit No.	Dated	Description
777	07/77	Add tanks, dock, and boiler
943T	05/18/78	Facility transfer to LBC
1203	06/26/79	Construct a new crude refinery ( <i>was not built</i> )
1326T	03/21/80	Add a 700 hp boiler and delete the two 125 HP boilers
1427T	09/2/80	Convert the boiler to 0.44%S fuel oil and add another 700 hp boiler
1553T	05/19/81	Add (5) 50,000 bbl & (4) 80,000 bbl tanks
1822T	02/22/83	Reconstruct Tank 4-81 ( <i>expired</i> )
1280-00025-01	11/26/86	Consolidate the 7 small source permits listed above
1280-00025-02	01/19/88	Correct consolidated permit
Exemption	01/11/91	Install Benzene combustor for dock loading operations
1280-00025-03	10/7/92	Modification to include benzene combustor and increase operating flexibility
2194	04/05/93	Change two tanks to benzene service
<b>1280-00025-04*</b>	01/01/96	Reconcile permit with Air Toxics Compliance Plan
2563	09/17/98	150-1 modify to fixed roof ( <i>was not reconstructed</i> )
<b>2563 (M-1)*</b>	04/17/2000	150-1 & 150-2 modified from a floating roof to a fixed roof
2761*	11/02/01	Rail loading permit
Name Change	12/31/01	Changed name from LBC LBC, L.P. to LBC
Change of Tank Service*	10/20/04	Permit storage of benzene in 55-4, 55-7, 55-8, and 55-10.
Exemption*	04/05/05	Add 500 gallon gasoline storage tank ( <i>not for hire</i> )
3028*	03/24/06	Add a 110,000 bbl storage tank to store natural gas condensate.

\* Current permits

This is the Part 70 operating permit for the facility.

**II. Origin**

A permit application and Emission Inventory Questionnaire were submitted by LBC Baton Rouge LLC on October 12, 1996 and was replaced in its entirety with a revised application dated April 18, 2006, requesting a Part 70 Operating Permit. Additional information dated December 02, 2005, February 1, 2006, February 8, 2006, February 27, 2006, March 21, 2006, March 22, 2006, March 28, 2006, and April 26, 2006 was also received.

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LBC Baton Rouge LLC**  
**Agency Interest No.: 3492**  
**Sunshine, Iberville Parish, Louisiana**

**III. Description**

LBC Baton Rouge LLC operates a bulk liquid storage and transfer business, which functions on a contractual basis. A wide range of liquid commodities, such as petroleum products, volatile organic compounds (VOCs), and various inorganic compounds, may be stored on a short term or long term basis.

The liquid products are transported by ship, barge, tank truck, railcar, or any combination. Upon request from the client, products are redelivered into ships, barges, tank trucks, railcars, or any combination. All marine, truck, and railcar loading operations consist of a dedicated gathering system capable of collecting VOC vapors which route to a dedicated vapor disposal device (flares, Emission Point Nos. (EPN) FL-1, FL-2, and FL-3).

The point sources from LBC's terminal consists of 35 storage tanks, ranging in capacity from 10,000 to 150,000 bbl; 2-700 hp boilers, used to heat the lines during product transfer; a barge and ship loading dock with a flare; a truck loading rack with a flare system; a railcar loading operation with a flare; and 1-500 gallon gasoline tank, used to fuel company owned vehicles and equipment.

Air emissions from the terminal operations include storage tank losses, loading losses, fugitive emissions associated with valves, pumps, and flanges, and the products of combustion from the boilers and flares. The dock collection system for Class I and II Toxic Air Pollutants (TAPs) with a vapor pressure greater than 1.5 psia is designed to comply with the Coast Guard Regulations for Marine Controls. Vapors are sent to a combustor (FL-2) which has 98% or greater removal efficiency. Barges loaded are certified leak tight and loading lines are nitrogen purged prior to disconnecting. Emissions of these TAPs from truck and railcar loading are controlled by air assisted flares (FL-1 and FL-3) with 98% or better efficiency. Emissions of VOCs are speciated to show all LAC 33:III Chapter 51 TAPs.

It is the nature of LBC's business operations to experience continual changes in the assortment of liquid products to be stored and in the service/functionality of each of the 35 storage tanks. Therefore, the facility is unable to predict, with certainty, storage tank demands or availability. LBC's current permit, 1280-00025-04, authorizes storage of certain liquid products into storage tanks with specific identification numbers (or emission point numbers). This permitting method hence, required that LBC have as many tanks as possible with storage authority of certain compounds to insure storage availability of that compound.

This method of permitting specific tanks for storage of specific compounds causes an overestimate of throughputs of specified compounds; which has significant implications on the potential to emit for TAPs and the associated ability to meet ambient air standards according to LAC 33:III Chapter 51.

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LBC Baton Rouge LLC**  
**Agency Interest No.: 3492**  
**Sunshine, Iberville Parish, Louisiana**

---

With this permit, LBC can calculate emissions based upon throughputs of products through general (non-specific) identification of storage tanks of a specified size (bbls) and count (1 to 35). This method of permitting will provide LBC with the flexibility of storing a variety of chemicals in a less restrictive storage configuration; which reduces liquid product throughputs, thus reduces the potential to emit.

Benzene and Propylene oxide will, however, continue to be stored in specific tanks identified for storage authority due to Maximum Achievable Control Technology (MACT) requirements. LBC will keep records that demonstrate that the facility is in compliance with the requirements for each of the liquid products stored.

With this initial Part 70 Operating Permit, LBC is proposing to:

- (1) Consolidate Louisiana State Permit Nos. 1280-00025-04, 2563(M-1), 2761, and 3028.
- (2) Incorporate the change in tank service, issued October 20, 2004, which permits storage of benzene in the following storage tanks 55-4, 55-7, 55-8, and 55-10.
- (3) Add Emission Point Number (EPN) 500GT, the 500 gallon gasoline storage tank; which was permitted under an Exemption dated April 4, 2005.
- (4) Delete EPN 80-10. This new 80,000 bbl tank, permitted under 1280-00025-04, was dedicated to store styrene and a variety of other materials, but will not be installed.
- (5) Reconcile this permit to their compliance plan for toxic air emissions.
  - a. Remove Tank 25-1 from permitted storage of LAC 33:III Chapter 51 Class I and Class II Toxic Air Pollutants (TAPs). The tank is operating as a fixed roof storage tank and has not been retrofitted with an internal floating roof.
  - b. Sulfuric acid will be loaded by tank truck only. Railcar loading and marine loading will not be used to transfer sulfuric acid.
  - c. Demonstrate compliance with ambient air standards for n-Butyl Alcohol, Cumene, Ethyl Benzene, Ethylene Glycol, Glycol Ethers (Class II), n-Hexane, Methanol, Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Styrene, Sulfuric Acid, Toluene, Vinyl Acetate, and Xylene.
  - d. Expand the list of chemicals permitted for transfer and storage. (*Total VOC is capped at 290.7 tons/yr. Permitted emission rates of speciated, individual VOC may increase; however, no actual change in emissions is expected.*)
  - e. Remove Trichloroethylene, Trichloroethane, and gasoline from the list of chemicals permitted for "for-hire" storage and handling (transfer and loading).
- (6) Permit storage authority of liquid products throughputs through general (non-specific) identification of storage tanks of a specified size (bbls) and count (1 to 35). The liquid products include, but are not limited to, n-Butyl Alcohol, Cumene, Ethyl Benzene, Ethylene Glycol, Glycol Ethers (Class II), n-Hexane, Methanol, Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Styrene, Sulfuric Acid, Toluene, Vinyl Acetate, and Xylene.

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LBC Baton Rouge LLC**  
**Agency Interest No.: 3492**  
**Sunshine, Iberville Parish, Louisiana**

*Benzene and Propylene oxide are excluded from this type of general permitting, but are assigned-specific tanks for storage.*

- (7) Handle Propylene oxide at temperatures no greater than 70°F to achieve a maximum true vapor pressure less than 11.1 psia at transfer and storage conditions.
- (8) Use the dedicated railcar loading flare, Rail FL-3 to receive truck loading vapors, currently controlled by dedicated flare, Truck FL-1.
- (9) Decrease railcar loading rate from 2,500 gpm to 1,000 gpm.
- (10) Avoid simultaneous loading of the same type of liquid product or products of similar composition.
- (11) Remove storage authority of TAPs in Tanks 80-1 and 80-2.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM <sub>10</sub>	2.1	1.31	- 0.79
SO <sub>2</sub>	0.092	0.092	0.00
NO <sub>x</sub>	27.85	18.91	- 8.94
CO	54.9	61.26	+ 6.36
VOC*	290.7	290.7	0.00
Sulfuric Acid	6.21	0.91	- 5.30

\*Includes VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs)

**VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

Pollutant	Before	After	Change
<i><u>Class I</u></i>			
Benzene	23.4	23.4	0.00
Proplyene oxide	63.1	79.57	+ 16.47
<i><u>Class II</u></i>			
Ethyl benzene	290.7	180.50	- 110.2
Glycol ethers	18.77	19.77	+ 1.00
Styrene	162.99	56.27	- 106.72
Xylene ( <i>mixed isomers</i> )	142.46	96.91	- 45.55
<i><u>Class III</u></i>			
n-Butyl alcohol	66.45	18.96	- 47.49
Cumene	133.96	37.79	- 96.17
Ethylene glycol	12.64	10.78	- 1.86

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LBC Baton Rouge LLC**  
**Agency Interest No.: 3492**  
**Sunshine, Iberville Parish, Louisiana**

**VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

Pollutant	Before	After	Change
n-Hexane	150.32	18.96	- 131.36
Methanol	142.46	16.60	- 125.86
Methyl ethyl ketone	131.54	19.07	- 112.47
Methyl isobutyl ketone	0.00	14.84	+ 14.84
Toluene	290.7	36.89	- 253.81
Vinyl acetate	290.7	17.27	- 273.43
<i>Supplemental List</i>			
Benzyl chloride	0.00	45.50	+ 45.50
Dimethyl formamide	22.62	19.56	- 3.06
Glycol ethers	18.77	19.71	+ 0.94
Methyl tert butyl ether	165.56	13.90	- 151.66

\* The speciation lists the maximum emissions allowed for each TAP facility-wide.

Other VOC (TPY):                            0 – 290.7

*Other VOC emissions = 290.7 - VOC LAC 33:III Chapter 51 TAPs, therefore "Other" VOC emissions may vary anywhere from 0 to 290.7 TPY.*

Emissions from the tanks have been calculated for potential chemicals or petroleum products which could be stored in them. Calculations are based on a maximum throughput of 15 tank volumes per year, tank physical parameters, and physical properties of the individual chemicals. Internal floating roofs shall be used when required by the chemical stored. Calculations reflect this orientation. The permit provides flexibility for the facility to (1) store compounds according to a specific size storage tank; (2) store compounds by the number of storage tanks and (3) upgrade fixed roof storage tanks with add on controls, such as installation of an internal floater.

Emission calculations from loading operations of potential chemicals and petroleum products were based on limited throughputs (bbl) at maximum loading rates, in gpm. Physical properties of the individual chemicals and whether the loading operations required flare controlled or uncontrolled conditions were taken into account. The facility does not perform simultaneous loading of LAC 33:III Chapter 51 Table 51.1 TAPs, so as not to violate ambient air standards.

The sum of the facility-wide VOC emissions shall not exceed 290.7 TPY in any consecutive 12 month period. The individual TAP emissions listed in the Table above are above their minimum emission rates (MERs) and cannot exceed the TPY in the Tables. These limits were established such that the maximum proposed storage scenario meets the ambient air quality standard. In addition, MACT determinations have also been established.

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LBC Baton Rouge LLC**  
**Agency Interest No.: 3492**  
**Sunshine, Iberville Parish, Louisiana**

---

**IV. Type of Review**

---

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) does not apply.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51 and 40 CFR 63 Hazardous Air Pollutants (HAPs) with issuance of this permit. Benzene, Ethyl benzene, Glycol ethers (Class II), Propylene oxide, Styrene, and Xylene are either Class I or Class II compounds that are above the respective minimum emission rate (MER), and therefore, sources of these emissions shall comply with all applicable provisions of the Louisiana Air Toxics Program, LAC 33:III.Chapter 51. In addition, the facility must meet the requirements for ambient air standards for these Class I and Class II compounds along with the following Class III TAPs, n-Butyl Alcohol, Cumene, Ethylene Glycol, n-Hexane, Methanol, Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Sulfuric Acid, Toluene, and Vinyl Acetate. (See Section VII. Ambient Air Standards).

LBC's Air Toxic Compliance Plan, CC92018, was approved on February 7, 1995. MACT determinations were made for storage tanks, marine and truck loading operations, and fugitive emissions. Controls meeting the requirements of LAC 33:III.2103 and NSPS, 40 CFR 60, Subpart Kb-Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels), were determined as MACT on all tanks storing Class I and II TAPs with a vapor pressure greater than or equal to 1.5 psia. At minimum, internal floating roof storage tanks must be equipped with either dual seals or a mechanical shoe seal. Only benzene and propylene oxide are affected materials. MACT, for storage of Benzene, a Class I TAP, was determined to be compliance with 40 CFR 61 Subpart Y, also. Storage of Class I and Class II TAPs with a vapor pressure less than 1.5 psia, and Class III TAPs do not have MACT applicability. MACT, for marine, truck and/or railcar benzene and propylene oxide loading operations, was determined to be compliance with 40 CFR 61 Subpart BB. MACT for fugitive emissions of benzene was determined to be compliance with 40 CFR 61 Subpart J and V. MACT for fugitive emissions is Louisiana MACT Determination for Non-HON (NON Hazardous Organic NESHAP) Equipment Leaks (Fugitive Emission Sources), promulgated March 30, 1995. The facility shall comply with the requirements of 40 CFR 63 Subpart EEEE according to the compliance date.

All other toxic air pollutants approved for storage at the terminal, and not listed in the Emissions Table above, are emitted, facility-wide, at levels below their minimum emission rate (MER). Therefore, MACT and/or AAQS are not required.

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LBC Baton Rouge LLC**  
**Agency Interest No.: 3492**  
**Sunshine, Iberville Parish, Louisiana**

---

**V. Credible Evidence**

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

---

**VI. Public Notice**

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 2006; and in the Plaquemine Post/South, Plaquemine, on <date>, 2006. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LBC Baton Rouge LLC**  
**Agency Interest No.: 3492**  
**Sunshine, Iberville Parish, Louisiana**

---

**VII. Effects on Ambient Air**

Benzene, Ethyl Benzene and Toluene were modeled using Industrial Source Complex 2 Short Term (ISCST2) by CK Associates, documented December 1993 in LBC's Compliance Plan. The Compliance Plan states that the ambient air standards are not exceeded beyond the facility's fence line for Benzene, Ethyl benzene and Toluene. The Air Toxic Compliance Plan, No. CC92018, was approved on February 7, 1995.

LBC increased the throughputs of Benzene, Ethyl benzene, and Toluene, and expanded the list of liquid products to be handled on site, which included the following toxics above their respective MERs: n-Butyl Alcohol, Cumene, Ethylene glycol, Glycol ethers (Class II), n-Hexane, Methanol, Methyl ethyl ketone, Methyl isobutyl ketone, Propylene oxide, Styrene, Vinyl acetate, and Xylene. Phoenix Engineering Inc., submitted air dispersion modeling results to LDEQ April 24, 1995 and May 3, 1995 for Benzene and Propylene oxide, respectively. Ambient Air Ranking was performed for benzene and propylene oxide, with AASs on an annual basis.

Modeling was not performed for any TAP with an AAS on an 8 hour basis; therefore, compliance was not demonstrated for those compounds. In February 2006, LBC demonstrated compliance for these other TAPs through the ambient air standards (AAS) ranking process. Sulfuric acid had the highest lb/year:AAS ratio and was modeled. The air modeling results demonstrated compliance of sulfuric acid, beyond the property line, with its AASS. Therefore, all other TAPs on an 8-hour average AAS standard (n-Butyl alcohol, Cumene, Ethyl benzene, Ethylene glycol, Glycol ethers, n-Hexane, Methanol, Methyl ethyl ketone, Methyl isobutyl ketone, Styrene, Toluene, Vinyl acetate, and Xylene) are also in compliance with their respective AAS.

Dispersion Model(s) Used: Industrial Source Complex 2 Short Term (ISCST2) & ISCST3, Version 02035

Pollutant	Time Period	Calculated Maximum Ground Level Concentration ( $\mu\text{g}/\text{m}^3$ )	Louisiana Toxic Air Pollutant Ambient Air Quality Standard ( $\mu\text{g}/\text{m}^3$ )
Benzene <sup>*</sup>	Annual Average	7.42	12
Propylene Oxide <sup>*</sup>	Annual Average	26.167	27
Sulfuric Acid <sup>**</sup>	8-Hour Average	13.2	23.8

<sup>\*</sup> ISCST2 modeling results for Benzene and Propylene oxide were submitted to the Department dated April 24, 1995 and May 3, 1995, respectively.

<sup>\*\*</sup> Modeling results for Sulfuric Acid using dispersion model ISCST3 Version 02035, February 2006.

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LBC Baton Rouge LLC**  
**Agency Interest No.: 3492**  
**Sunshine, Iberville Parish, Louisiana**

**VIII. General Condition XVII Activities**

Work Activity	Schedule/ Process Rate	Emission Rates - tons				
		PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>X</sub>	CO	VOC
Storage Tanks Sampling	50 samples/month	-	-	-	-	0.0025
Pump Maintenance	30 pumps/year	-	-	-	-	0.0015
Line Preparation	25 sections/year	-	-	-	-	0.0015
Tank Cleaning	10 tanks/year	-	-	-	-	4.83
Shop Work on Equipment	Annually	-	-	-	-	0.0125

**IX. Insignificant Activities**

Description	Citation
Painting of Equipment, Equipment Maintenance or Construction, and Emissions from Storage or Use of Water-treating Chemicals	LAC 33:III.501.B.5.B.2

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LBC Baton Rouge LLC**

**Agency Interest No.: 3492**

**Sunshine, Iberville Parish, Louisiana**

Annual Throughput (MM bbl/yr)	Toxic Air Pollutant I, II, III	Chemical Name	Storage Type	Storage Tank Volume (Mbbl)						Load Cntrl?	Loading Rate	
				10	12.5	15	20	25	35	55	80	
8.93	I	BENZENE	Internal Floating Roof / Fixed Roof							5"	4"	Yes
			IFR Storage ONLY (VP > 1.5 psi <sub>d</sub> )									2500
4.05	III	CUMENE	Fixed							2	2	-
11.025	II	ETHYL BENZENE	Fixed							5	2	2
5.67	III	ETHYLENE GLYCOL	Fixed	1	4	2	1	2	4			-
1.845	II	GLYCOL ETHERS	Fixed	1	4	1	2					2500
7.35	III	METHANOL	IFR Storage ONLY (VP > 1.5 psi <sub>d</sub> )							6	2	Yes
4.05	III	METHYL ETHYL KETONE	IFR Storage ONLY (VP > 1.5 psi <sub>d</sub> )							2	4	Yes
2.445	III	METHYL ISOBUTYL KETONE	IFR Storage ONLY (See CAP)	1	4	2	1	2				Yes
3.225	III	n-BUTYL ALCOHOL	Fixed							2	3	-
4.05	III	n-HEXANE	IFR Storage ONLY (VP > 1.5 psi <sub>d</sub> )							2	4	Yes
4.05	I	PROPYLENE OXIDE	IFR Storage ONLY (VP > 1.5 psi <sub>d</sub> )							2 <sup>2</sup>	2 <sup>2</sup>	Yes
4.875	II	STYRENE	Fixed							3	2	-
4.125	III	SULFURIC ACID	Fixed							5		-
13.05	III	TOLUENE	Fixed							6	3	2
4.05	III	VINYL ACETATE	IFR Storage ONLY (VP > 1.5 psi <sub>d</sub> )							2	4	Yes
5.925	II	XYLENE (MIXED ISOMERS)	Fixed							1	2	3

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LBC Baton Rouge LLC**

**Agency Interest No.: 3492**

**Sunshine, Iberville Parish, Louisiana**

Annual Throughput (MM bbl/yr)	Toxic Air Pollutant I, II, III	Chemical Name	Storage Type	Storage Tank Volume (Mbbl)								Load Cntrl?	Loading Rate			
				10	12.5	15	20	25	35	55	80	110	150			
<i>Louisiana TAPs Supplemental List</i>																
3.795	II	BENZYL CHLORIDE	Fixed	1	4	2	1	2	1	1			-	2500	700	1000
2.445	II	DIMETHYL FORMAMIDE	Fixed	1	4	2	1	2					-	2500	700	1000
3.795	II	GLYCOL ETHERS	Fixed	1	4	1	2						-	2500	700	1000
4.875	III	METHYL TERT BUTYL ETHER	IFR Storage ONLY (VP > 1.5 psi.)							3	2		Yes	2500	700	1000

<sup>1</sup>Benzene storage is limited to tank nos. 55-4, 55-5, 55-6, 55-7, 55-8, 55-9, 55-10, 55-11, 55-13, 80-6, 80-7, 80-8, and 80-9.

<sup>2</sup>Propylene oxide storage is limited to tank nos. 55-10, 55-13, 80-7, and 80-9.

The table above provides LBC with the flexibility of storing a variety of chemicals in a less restrictive storage configuration by identifying the number and size of the storage tanks permitted for storage. Benzene and Propylene oxide, however, have specific tanks identified for storage.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

LBC Baton Rouge LLC  
 Agency Interest No.: 3492  
 LBC Baton Rouge LLC  
 Sunshine, Iberville Parish, Louisiana

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	LAC 33:III:Chapter																				
		5*	9	11	13	15	2103	2104*	2107	2108	2111	2113	2123	2131	2133	2135	2137	22	29*	51*	56	59
	Plant Wide	1	1	1	1													3	3	1	1	1
EQT001	1-80 - 700 HP Cleaver-Brooks Boiler					1	1	1											3	3		
EQT002	Truck FL-1 - Truck Loading Flare	1				1	1	1											3	3	1	
EQT003	Marine FL-2 – Marine Loading Flare	1			1	1												3	3	1		
EQT004	Tank 10-1	1					1													1		
EQT005	Tank 12-1	1					1													1		
EQT006	Tank 12-2	1					1												1		1	
EQT007	Tank 12-3	1					1											1		1		
EQT008	Tank 12-4	1					1											1		1		
EQT009	Tank 15-1	1					1											1		1		
EQT010	Tank 15-2	1					1											1		1		
EQT011	Tank 150-1	1					1											1		1		
EQT012	Tank 150-2	1					1											1		1		
EQT013	2-80 - 700 HP Cleaver-Brooks Boiler					1	1	1										3				
EQT014	Tank 20-1		1					1											1		1	
EQT015	Tank 25-1	1						1										1		1		
EQT016	Tank 25-2	1						1										1		1		
EQT017	Tank 35-1	1							1									1		1		
EQT018	Tank 55-1	1							1									1		1		

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

LBC Baton Rouge LLC  
 Agency Interest No.: 3492  
 LBC Baton Rouge LLC  
 Sunshine, Iberville Parish, Louisiana

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	LAC 33:III Chapter																			
		5*	9	11	13	15	2103	2104	2107	2108	2111	2113	2123	2131	2133	2135	2137	22	29*	51*	56
EQT019	Tank 55-10		1								1										1
EQT020	Tank 55-11			1						1											1
EQT021	Tank 55-13				1					1											1
EQT022	Tank 55-2		1							1											1
EQT023	Tank 55-3			1						1											1
EQT024	Tank 55-4				1					1											1
EQT025	Tank 55-5					1					1										1
EQT026	Tank 55-6						1				1										1
EQT027	Tank 55-7							1			1										1
EQT028	Tank 55-8							1			1										1
EQT029	Tank 55-9								1			1									1
EQT030	Tank 80-1									1											3
EQT032	Tank 80-2										1										3
EQT033	Tank 80-3										1										1
EQT034	Tank 80-4											1									1
EQT035	Tank 80-5											1									1
EQT036	Tank 80-6												1								1
EQT037	Tank 80-7												1								1
EQT038	Tank 80-8												1								1
EQT039	Tank 80-9													1							1

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

LBC Baton Rouge LLC  
 Agency Interest No.: 3492  
 LBC Baton Rouge LLC  
 Sunshine, Iberville Parish, Louisiana

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	LAC 33:III.Chapter																				
		5*	9	11	13	15	2103	2104*	2107	2108	2111	2113	2123	2131	2133	2135	2137	22	29*	51*	56	59
EQT040	DOCK RACK- Marine Dock Area								1	1												1
EQT041	TRUCK RACK - Truck Loading Rack								1	1												1
EQT042	RAIL FL-3 - Railcar Loading Flare																					1
EQT043	500GT - Gasoline Storage Tank							1														1
EQT044	RAIL RACK - Railcar Loading									1												1
EQT047	Tank 110-1							1			1											1
FUG001	FUG A - Pump Pad A																					1
FUG002	FUG B - Pump Pad B																					1
FUG003	FUG C - Pump Pad C																					1
FUG004	FUG D - Pump Pad D																					1
FUG005	FUG DOC - Marine Dock Fug																					1
FUG006	FUG TRUCK - Truck Rack Fug																					1
FUG007	FUG RAIL - Railcar Piping Fugitives																					1

\*The regulations indicated above are State Only regulations.

\*All LAC 33:III.Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

LBC Baton Rouge LLC  
 Agency Interest No.: 3492  
 LBC Baton Rouge LLC  
 Sunshine, Iberville Parish, Louisiana

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR				
		A	D	Db	Dc	K	Ka	Kb	XX	A	J	V	BB	A	H	R	VV	EEEE	DDDDD	52	64	68		
Plant Wide	1								3	1						1	1	3	1		3			
EQT001 1-80 - 700 HP Cleaver-Brooks Boiler	3	3	3																	1				
EQT002 1-85 - Truck Loading Rack Flare	1																							
EQT003 1-91 - Dock Flare	1																							
EQT004 Tank 10-1																								
EQT005 Tank 12-1																								
EQT006 Tank 12-2																								
EQT007 Tank 12-3																								
EQT008 Tank 12-4																								
EQT009 Tank 15-1																								
EQT010 Tank 15-2																								
EQT011 Tank 150-1																								
EQT012 Tank 150-2																								
EQT013 2-80 - 700 HP Cleaver-Brooks Boiler	3	3	3																	1				
EQT014 Tank 20-1																								
EQT015 Tank 25-1																								
EQT016 Tank 25-2																								
EQT017 Tank 35-1																								
EQT018 Tank 55-1																								
EQT019 Tank 55-10																								

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

LBC Baton Rouge LLC  
 Agency Interest No.: 3492  
 LBC Baton Rouge LLC  
 Sunshine, Iberville Parish, Louisiana

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR			
		A	D	Db	Dc	K	Ka	Kb	XX	A	J	V	BB	A	H	R	VV	EEEE	DDDDD	S2	64	68	
EQT020	Tank 55-11					3	1	3															
EQT021	Tank 55-13					3	1	3															
EQT022	Tank 55-2					3/1	3	3															
EQT023	Tank 55-3					3/1	3	3															
EQT024	Tank 55-4					3	1	3															
EQT025	Tank 55-5					3	1	3															
EQT026	Tank 55-6					3	1	3															
EQT027	Tank 55-7					3	1	3															
EQT028	Tank 55-8					3	1	3															
EQT029	Tank 55-9					3	1	3															
EQT030	Tank 80-1					3/1	3	3															
EQT032	Tank 80-2					1	3	3															
EQT033	Tank 80-3					3	3/1	3															
EQT034	Tank 80-4					3	3/1	3															
EQT035	Tank 80-5					3	3/1	3															
EQT036	Tank 80-6					3	1	3															
EQT037	Tank 80-7					3	1	3															
EQT038	Tank 80-8					3	1	3-1 <sup>PO</sup>															
EQT039	Tank 80-9					3	1	3-1 <sup>PO</sup>															
EQT040	DOCK RACK- Marine Dock Area																			1			

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**LBC Baton Rouge LLC**  
 Agency Interest No.: 3492  
**LBC Baton Rouge LLC**  
**Sunshine, Iberville Parish, Louisiana**

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR			
		A	D	Db	Dc	K	Ka	Kb	XX	A	J	V	Y	BB	A	H	R	VV	EEEE	DDDDD	52	64	68
EQT041	TRUCK RACK - Truck Loading Rack																						
EQT042	RAIL FL-3 - Railcar Loading Flare	1																					
EQT043	500GT - Gasoline Storage Tank																						
EQT044	RAIL RACK - Railcar Loading																						
EQT047	Tank 110-1																						
FUG001	FUG A - Pump Pad A																						
FUG002	FUG B - Pump Pad B																						
FUG003	FUG C - Pump Pad C																						
FUG004	FUG D - Pump Pad D																						
FUG005	FUG DOC - Marine Dock Fug																						
FUG006	FUG TRUCK - Truck Rack Fug																						
FUG007	FUG RAIL - Railcar System Fugitives																						

“f” ≡ an alternate operating scenario; “P<sup>o</sup>” ≡ State Only requirement for storage and/or transfer of propylene oxide.

**KEY TO MATRIX**

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- 2 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 3 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- Blank - The regulations clearly do not apply to this type of emission source.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

LBC Baton Rouge LLC  
 Agency Interest No.: 3492  
 LBC Baton Rouge LLC  
 Sunshine, Iberville Parish, Louisiana

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

EMISSION POINT ID	DESCRIPTION	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION
GRP009	Entire Facility	<p>Prevention of Significant Deterioration of Air Quality [LAC 33:III.509 / 40 CFR 52.21]</p> <p>Gasoline Bulk Terminal [LAC 33:III.2135]                      Gasoline Terminal Vapor-Tight Control Procedure [LAC 33:III.2137]</p>	<p><b>DOES NOT APPLY.</b> The emission increases requested in this application are less than the significance levels defined in LAC 33:III.509B.</p> <p>LBC Baton Rouge does not have any PSD permits.</p> <p><b>DOES NOT APPLY.</b> The facility is not a bulk gasoline terminal. The facility only has one storage tank for storage of gasoline which is used solely for fueling company owned vehicles and equipment.</p>
		<p>NSPS Subpart XX - Standards of Performance for Bulk Gasoline Terminals [40 CFR 60.500]</p> <p>Bulk gasoline terminal means any gasoline facility which receives gasoline by pipeline, ship or barge, and has a gasoline throughput greater than 20,000 gallons per day. [40 CFR 60.501]</p>	<p><b>DOES NOT APPLY.</b> The facility is not a bulk gasoline terminal. The facility is not a bulk gasoline terminal. The facility only has one storage tank for storage of gasoline which is used solely for fueling company owned vehicles and equipment.</p>
		<p>National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) [40 CFR 63, Subpart R]</p> <p>Bulk gasoline terminal means any gasoline facility which receives gasoline by pipeline, ship or barge, and has a gasoline throughput greater than 20,000 gallons per day. [40 CFR 63.421]</p>	<p><b>DOES NOT APPLY.</b> The facility is not a gasoline facility (bulk gasoline terminal or pipeline breakout station) because the facility does not handle gasoline. No equipment is in gasoline service. The facility handles gasoline blending stock, or additives which are mixed into gasoline.</p> <p>Gasoline means any fuel sold in any State for use in motor vehicles and motor vehicle engines, and commonly or commercially known or sold as gasoline. [40 CFR 80.2]</p> <p>Gasoline blending stock, blendstock, or component means any liquid compound which is blended with other liquid compounds to produce gasoline. [40 CFR 80.2]</p>
EQT001 EQT013	1-80 & 2-80 - 700 HP Cleaver-Brooks Boiler	NSPS Subpart D - Standards of Performance for Fossil Fuel Fired Steam Generators [40 CFR 60.40]	<b>DOES NOT APPLY.</b> Boilers have a maximum heat input less than 250 MMBTU/hr. [40 CFR 60.40(a)]

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**LBC Baton Rouge LLC**  
 Agency Interest No.: 3492  
**LBC Baton Rouge LLC**  
**Sunshine, Iberville Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

EMISSION POINT ID	DESCRIPTION	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION
EQT001	1-80 & 2-80 - 700 HP Cleaver-Brooks Boiler	NSPS Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60.40(b)]	DOES NOT APPLY. No construction, modification, or reconstruction commenced after 6/19/84. [40 CFR 60.40(b)(a)]
EQT013		NSPS Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60.40(c)]	DOES NOT APPLY. No construction, modification, or reconstruction commenced after 6/9/89. [40 CFR 60.40(c)(a)]
		NESHAP Subpart DDDDD for Industrial, Commercial, and Institutional Boilers and Process Heaters [40 CFR 60.40(c)]	DOES NOT APPLY. The boilers are large limited use gaseous fuel units, therefore only the initial notification requirements in 63.9(b) were required per 40 CFR 63.7506(b). (I.e. the boilers are not subject to the emission limits, work practice standards, performance testing, monitoring, SSMP, site-specific monitoring plans, recordkeeping and reporting requirements of DDDDD.)
		Chapter 22. Control of Emissions of Nitrogen Oxides (NO <sub>x</sub> )	EXEMPT. The boilers are back-up to each other with a maximum rated capacity of less than 40 MM(Btu/hr).
EQT002	Truck FL-1	Chapter 22. Control of Emissions of Nitrogen Oxides (NO <sub>x</sub> )	EXEMPT. The flares control emissions of VOC for truck, marine, and railcar loading operations and vents at an above ground location.
EQT003	Marine FL-2		
EQT 042	Rail FL-3		
EQT001	1-80 & 2-80 (700 HP Cleaver-Brooks Boilers)	Emission Standards for Sulfur Dioxide Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Unit emits less than 250 tons of SO <sub>2</sub> per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO <sub>2</sub> standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918.
EQT013			
EQT002	Truck FL-1	Recordkeeping and Reporting [LAC 33:III.1513]	
EQT003	Marine FL-2		
EQT 042	Rail FL-3		
EQT043	500GT - Gasoline Storage Tank	Subchapter F. Gasoline Handling - Filling of Gasoline Storage Vessels [LAC 33:III.2131]	EXEMPT. Any gasoline outlet in the parishes of Ascension, Calcasieu, East Baton Rouge, Iberville, Livingston, Pointe Coupee and West Baton Rouge whose throughput is less than 120,000 gallons (454,200 liters) per year are exempt from the requirements of LAC 33:III.2131.A. This storage tank is located in Iberville Parish with a throughput of less than 120,000 gallons per year, thus is exempt from LAC 33:III.2131.A.

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**LBC Baton Rouge LLC**  
 Agency Interest No.: 3492  
**LBC Baton Rouge LLC**  
**Sunshine, Iberville Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

EMISSION POINT ID	DESCRIPTION	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION
EQT004	Tank 10-1	Chapter 21. Control of Emission of Organic Compounds Subchapter A. General 21:03. Storage of Volatile Organic Compounds [LAC 33:III.2103]	<b>DOES NOT APPLY/APPLIES.</b> The fixed roof of storage tanks store inorganic compounds, non-volatile organic compounds (non-VOCs), and volatile organic compounds (VOCs) that do not have a maximum true vapor pressure of 1.5 psia or greater. The tanks are not pressure tanks capable of maintaining working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. Each tank is designed and equipped with a submerged fill pipe, but no tank currently has one or more of the vapor loss control devices described in Subsections C, D, and E of this Section. The storage tanks do not store organic compounds with a vapor pressure of 11.0 psia or greater.
EQT005	Tank 12-1	No person shall place, store, or hold in any stationary tank, reservoir, or other container of more than 40,000 gallons nominal capacity any volatile organic compound having a maximum true vapor pressure of 1.5 psia or greater at storage conditions unless such tank, reservoir, or other container is a pressure tank capable of maintaining working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere or is designed and equipped with a submerged fill pipe and one or more of the vapor loss control devices described in Subsections C, D, and E of this Section. If the organic compounds have a vapor pressure of 11.0 psia or greater under actual storage conditions, the requirements of Subsection F of this Section shall supersede the requirements of this Subsection.	However, the facility has the capability, via submission of a permit Administrative Amendment to LDEQ Environmental Services, Air Permits Division, to add emission controls in accordance with LAC 33:III.2103, which permits storage of VOCs having a maximum true vapor pressure of 1.5 psia but not greater than 11.0 psia.
EQT006	Tank 12-2		The facility has elected to control Methyl Isobutyl Ketone emissions by installing and internal floating roof in accordance with LAC 33:III.2103. This control measure ensures that MIBK's ambient air standards are not exceeded and reduces emissions of VOCs and hazardous air pollutants (HAPs) to remain at or below the facility wide VOC and HAPs CAP. The facility is required to submit an Administrative Amendment for storage of MIBK into tanks that are currently fixed roof.
EQT007	Tank 12-3		
EQT008	Tank 12-4		
EQT009	Tank 15-1		

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**LBC Baton Rouge LLC**  
 Agency Interest No.: 3492  
**LBC Baton Rouge LLC**  
**Sunshine, Iberville Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

EMISSION POINT ID	DESCRIPTION	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION
EQT015	Tank 25-1	Chapter 21. Control of Emission of Organic Compounds Subchapter A. General 2103. Storage of Volatile Organic Compounds [LAC 33:III.2103]	<b>DOES NOT APPLY/APPLIES.</b> The fixed roof storage tanks store inorganic compounds, non-volatile organic compounds (non-VOCs), and volatile organic compounds (VOCs) that do not have a maximum true vapor pressure of 1.5 psia or greater. The tanks are not pressure tanks capable of maintaining working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. Each tank is designed and equipped with a submerged fill pipe, but no tank currently has one or more of the vapor loss control devices described in Subsections C, D, and E of this Section. The storage tanks do not store organic compounds with a vapor pressure of 11.0 psia or greater.
EQT016	Tank 25-2	No person shall place, store, or hold in any stationary tank, reservoir, or other container of more than 40,000 gallons nominal capacity any volatile organic compound having a maximum true vapor pressure of 1.5 psia or greater at storage conditions unless such tank, reservoir, or other container is a pressure tank capable of maintaining working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere or is designed and equipped with a submerged fill pipe and one or more of the vapor loss control devices described in Subsections C, D, and E of this Section. If the organic compounds have a vapor pressure of 11.0 psia or greater under actual storage conditions, the requirements of Subsection F of this Section shall supersede the requirements of this Subsection.	However, the facility has the capability, via submission of a permit Administrative Amendment to LDEQ Environmental Services, Air Permits Division, to add emission controls in accordance with LAC 33:III.2103, which permits storage of VOCs having a maximum true vapor pressure of 1.5 psia but not greater than 11.0 psia.
EQT018	Tank 55-1		
EQT017	Tank 35-1		
EQT022	Tank 55-2		
EQT023	Tank 55-3		
EQT030	Tank 80-1		
EQT033	Tank 80-3		
EQT034	Tank 80-4		
EQT035	Tank 80-5		
EQT011	Tank 150-1F		
EQT012	Tank 150-2F		
EQT004	Tank 10-1	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	<b>DOES NOT APPLY/APPLIES.</b> This fixed roof storage tanks do not store petroleum liquids with a true vapor pressure equal to or greater than 1.5 psia. However, the facility has the capability, via submission of a permit Administrative Amendment to LDEQ Environmental Services, Air Permits Division, to add emission controls in accordance with 40 CFR 60 Subpart K, which permits storage of petroleum liquids having a maximum true vapor pressure of 1.5 psia but not greater than 11.1 psia.
EQT009	Tank 15-1		
EQT015	Tank 25-1		
EQT018	Tank 55-1		
EQT022	Tank 55-2		
EQT023	Tank 55-3		
EQT030	Tank 80-1		

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

LBC Baton Rouge LLC  
 Agency Interest No.: 3492  
 LBC Baton Rouge LLC  
 Sunshine, Iberville Parish, Louisiana

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

EMISSION POINT ID	DESCRIPTION	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION
EQT004	Tank 10-1	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. The tanks vessels were not constructed, reconstructed or modified after May 18, 1978.
EQT009	Tank 15-1		
EQT015	Tank 25-1		
EQT018	Tank 55-1		
EQT022	Tank 55-2		
EQT023	Tank 55-3		
EQT030	Tank 80-1	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b])	DOES NOT APPLY. Storage tanks were not constructed, reconstructed or modified after July 23, 1984.
EQT005	Tank 12-1	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were not constructed, reconstructed or modified prior to May 19, 1978.
EQT006	Tank 12-2		
EQT007	Tank 12-3		
EQT008	Tank 12-4		
EQT016	Tank 25-2		
EQT033	Tank 80-3		
EQT034	Tank 80-4		
EQT035	Tank 80-5		

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

LBC Baton Rouge LLC  
 Agency Interest No.: 3492  
 LBC Baton Rouge LLC  
 Sunshine, Iberville Parish, Louisiana

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

EMISSION POINT ID	DESCRIPTION	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION
EQT005	Tank 12-1	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	<b>DOES NOT APPLY/APPLIES.</b> This fixed roof storage tanks do not store petroleum liquids with a true vapor pressure equal to or greater than 1.5 psia. However, the facility has the capability, via submission of a permit Administrative Amendment to LDEQ Environmental Services, Air Permits Division, to add emission controls in accordance with 40 CFR 60 Subpart Ka [60.114a], which permits storage of petroleum liquids having a maximum true vapor pressure of 1.5 psia but not greater than 11.1 psia.
EQT006	Tank 12-2	The owner or operator of each storage vessel to which this subpart applies which contains a petroleum liquid which, as stored, has a true vapor pressure equal to or greater than 1.5 psia but not greater than 11.1 psia shall equip the storage vessel with one of the following:	
EQT007	Tank 12-3	An external floating roof, fixed roof with an internal floating type cover, a vapor recovery system, or a system equivalent to those described in paragraphs (a)(1), (a)(2), or (a)(3) of this section as provided in 60.114a.	
EQT008	Tank 12-4		
EQT016	Tank 25-2		
EQT033	Tank 80-3		
EQT034	Tank 80-4		
EQT035	Tank 80-5		
		NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	<b>DOES NOT APPLY.</b> Storage tanks were not reconstructed or modified after July 23, 1984.
		NSPS Subpart K and Ka – Standards of Performance for Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 and After May 18, 1978, and Prior to July 23, 1984, respectively. [40 CFR 60.110/60.110a]	<b>DOES NOT APPLY.</b> Storage tanks were constructed prior to May 19, 1978, but were reconstructed or modified after July 23, 1984.
EQT011	Tank 150-1F		
EQT012	Tank 150-2F		

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**LBC Baton Rouge LLC**  
 Agency Interest No.: 3492  
**LBC Baton Rouge LLC**  
**Sunshine, Iberville Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

EMISSION POINT ID	DESCRIPTION	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION
EQT011	Tank 150-1F	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	<b>EXEMPT/APPLIES.</b> The fixed roof storage tanks do not store liquids with a maximum true vapor pressure equal to or greater than 0.75 psia. However, the facility has the capability, via submission of a permit Administrative Amendment to LDEQ Environmental Services, Air Permits Division, to add emission controls in accordance with 40 CFR 60 Subpart Kb [60.114b], which permits storage of liquids having a maximum true vapor pressure of 0.75 psia but not greater than 11.1 psia.
EQT012	Tank 150-2F	A storage vessel containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 0.75 psia but less than 11.1 psia shall equip each storage vessel with one of the following: A fixed roof in combination with an internal floating roof, an external floating roof, closed vent system and control device, or a system equivalent to those provided in 60.114b.	
EQT014	Tank 20-1	NSPS Subpart K and Ka – Standards of Performance for Petroleum Liquid Storage Vessels [40 CFR 60.110 and 40 CFR 60.110a]	<b>DOES NOT APPLY.</b> Storage tanks were constructed prior to June 11, 1973 and have not been reconstructed or modified. These tanks are grandfathered.
EQT017	Tank 35-1	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110b]	
EQT030	Tank 80-1	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33.III.Chapter 51]	<b>DOES NOT APPLY.</b> Storage tanks do not store toxic air pollutants above the MER.
EQT032	Tank 80-2		

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

LBC Baton Rouge LLC  
 Agency Interest No.: 3492  
 LBC Baton Rouge LLC  
 Sunshine, Iberville Parish, Louisiana

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

EMISSION POINT ID	DESCRIPTION	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION
EQT004	Tank 10-1		APPLIES/DOES NOT APPLY. The storage tanks must comply with the reporting requirements according to LAC 33:III.5107.
EQT005	Tank 12-1		MACT, for storage of Class I and/or Class II toxic compounds with either LAC 33:III.2103 or 40 CFR 60 Subpart Kb. Ethyl Benzene, Glycol Ethers, Styrene, and Xylene have MACT applicability. However, these compounds have a vapor pressure less than 1.5 psia, and do not meet the vapor pressure requirements for applicability of LAC 33:III.2103 or 40 CFR 60 Subpart Kb. [5109.A]
EQT006	Tank 12-2		MACT is not required for storage of Class III toxic compounds and/or Supplemental toxic air pollutants (n-Butyl Alcohol, Cumene, Ethylene Glycol, n-Hexane, Methanol, Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Sulfuric Acid, Toluene, Vinyl Acetate, Benzyl Chloride, Dimethyl Formamide, Glycol Ethers, Methyl Tert Butyl Ether). However, LAC 33:III.2103 applies to storage of those Class III compounds with a vapor pressure of 1.5 psia or greater (n-Hexane, Methanol, MEK, Vinyl Acetate, MTBE). [5109.A]
EQT007	Tank 12-3		Tanks storing Class I, II, and/or III toxic compounds must comply with LAC 33:III.5109.B. Ambient Air Standard Requirements. 5109.B does not apply to Supplemental toxic air pollutants.
EQT008	Tank 12-4		
EQT009	Tank 15-1		
EQT010	Tank 15-2		
EQT011	Tank 150-1F		
EQT012	Tank 150-2F		
EQT014	Tank 20-1		
EQT015	Tank 25-1		
EQT016	Tank 25-2		
EQT017	Tank 35-1		
EQT018	Tank 55-1		
EQT022	Tank 55-2		
EQT023	Tank 55-3		
EQT033	Tank 80-3		
EQT034	Tank 80-4		
EQT035	Tank 80-5		

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

## 40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
  1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

## 40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
  3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
  4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.  
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
  2. the date(s) analyses were performed;
  3. the company or entity that performed the analyses;
  4. the analytical techniques or methods used;
  5. the results of such analyses; and
  6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of

## 40 CFR PART 70 GENERAL CONDITIONS

attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
  1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
  2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
  3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
  4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

## 40 CFR PART 70 GENERAL CONDITIONS

5. changes in emissions would not qualify as a significant modification; and
  6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- 
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Surveillance Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
    1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
    2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
    3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
      - a. Report by June 30 to cover January through March
      - b. Report by September 30 to cover April through June
      - c. Report by December 31 to cover July through September
      - d. Report by March 31 to cover October through December
    4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
  - S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

## 40 CFR PART 70 GENERAL CONDITIONS

- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
  2. ~~Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;~~
  3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
  4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
  5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
  6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

## **LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS**

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according-to-design-efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated April 18, 2006, along with supplemental information dated December 02, 2005, February 1, 2006, February 8, 2006, February 27, 2006, March 21, 2006, March 22, 2006, and March 28, 2006.
- IV. This permit shall become invalid, for the sources not constructed, if:
  - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
  - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.  
  
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is

## LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.
- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- 
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Surveillance Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Surveillance Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
- B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
1. Report by June 30 to cover January through March
  2. Report by September 30 to cover April through June
  3. Report by December 31 to cover July through September

## **LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS**

4. Report by March 31 to cover October through December
  - D. Each report submitted in accordance with this condition shall contain the following information:
    1. Description of noncomplying emission(s);
    2. Cause of noncompliance;
    3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
    4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
    5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
  - E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
  - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
  - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
  - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's

## LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.

XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.

XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division  
La. Dept. of Environmental Quality  
Post Office Box 4302  
Baton Rouge, Louisiana 70821-4302

XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

## General Information

AI ID: 3492 LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

Also Known As:	ID	Name	User Group	Start Date
	1280-00025	LBC Baton Rouge LLC	CDS Number	08-05-2002
	1280-0023	LBC Baton Rouge LLC	Emission Inventory	03-03-2004
72-1920179		Federal Tax ID	Federal Tax ID	11-21-1999
LAD096040712		LBC Baton Rouge LLC	Hazardous Waste Notification	02-11-2002
01746		LBC PetroUnited Inc/Sunshine Terminal	Inactive & Abandoned Sites	09-08-1995
LA0045942		LPDES #	LPDES Permit #	11-21-1999
LAG490024		LPDES #	LPDES Permit #	03-01-2002
WP0187		WPC State Permit Number	LWDPS Permit #	06-25-2003
G-047-2112		Site ID #	Solid Waste Facility No.	11-21-1999
32134		LBC Sunshine Terminal	TEMPO Merge	02-21-2001
42275		LBC PetroUnited Inc	TEMPO Merge	02-21-2001
48092		PetroUnited Inc	TEMPO Merge	02-17-2002
1280-00025		Toxic Emissions Data Inventory #	Toxic Emissions Data Inventory #	01-01-1991
Physical Location:			Main Phone:	2256428335
Mailing Address:		1725 Hwy 75 Sunshine, LA 70780		
Location of Front Gate:		30° 17' 40" latitude, 91° 8' 54" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD27		
Related People:		Name	Mailing Address	Relationship
		David W. Knowles	11666 Port Rd Seabrook, TX 77586	Responsible Official for
		Bobby Pamepinto	PO Box 487 Sunshine, LA 707800487	Haz. Waste Billing Party for
		Steven Tucker	11666 Port Rd Seabrook, TX 77586	Air Permit Contact For
		Edwin S. Varn	PO Box 487 Sunshine, LA 707800487	Hazardous Waste Permit Contact For
		Edwin S. Varn	PO Box 487 Sunshine, LA 707800487	Water Billing Party for
Related Organizations:		Name	Address	Relationship
		LBC Baton Rouge LLC	1725 Hwy 75 Sunshine, LA 70780	Owns
		LBC Baton Rouge LLC	1725 Hwy 75 Sunshine, LA 70780	Operates
		LBC Baton Rouge LLC	1725 Hwy 75 Sunshine, LA 70780	Air Billing Party for
SIC Codes:		4226, Special warehousing and storage, nec		

## General Information

AI ID: 3492 LBC Baton Rouge LLC  
Activity Number: PER1996001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

## INVENTORIES

AI ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT001	1-80 - 700 HP Cleaver-Brooks Boiler		29.3 MM BTU/hr	29.3 MM BTU/hr	Back up for boiler 2-80	8760 hr/yr (All Year)
EQT002	Truck FL-1 - Truck Loading Rack Flare		4.8 MM BTU/hr	4.8 MM BTU/hr		8760 hr/yr (All Year)
EQT003	Marine FL-2 - Marine Loading Flare		12 MM BTU/hr	12.3 MM scf/yr		8760 hr/yr (All Year)
EQT004	10-1 - Tank 10-1	420000 gallons	150000 bbl/yr	150000 bbl/yr		8760 hr/yr (All Year)
EQT005	12-1 - Tank 12-1	504000 gallons	180000 bbl/yr	180000 bbl/yr		8760 hr/yr (All Year)
EQT006	12-2 - Tank 12-2	504000 gallons	180000 bbl/yr	180000 bbl/yr		8760 hr/yr (All Year)
EQT007	12-3 - Tank 12-3	504000 gallons	180000 bbl/yr	180000 bbl/yr		8760 hr/yr (All Year)
EQT008	12-4 - Tank 12-4	504000 gallons	180000 bbl/yr	180000 bbl/yr		8760 hr/yr (All Year)
EQT009	15-1 - Tank 15-1	630000 gallons	225000 bbl/yr	225000 bbl/yr		8760 hr/yr (All Year)
EQT010	15-2 - Tank 15-2	630000 gallons	225000 bbl/yr	225000 bbl/yr		8760 hr/yr (All Year)
EQT011	150-1F - Tank 150-1F	6.3 million gallons	2.25 MM bbl/yr	2.25 MM bbl/yr		8760 hr/yr (All Year)
EQT012	150-2F - Tank 150-2F	6.3 million gallons	2.25 MM bbl/yr	2.25 MM bbl/yr		8760 hr/yr (All Year)
EQT013	2-80 - 700 HP Cleaver-Brooks Boiler		29.3 MM BTU/hr	29.3 MM BTU/hr	Back up for boiler 1-80	8760 hr/yr (All Year)
EQT014	20-1 - Tank 20-1	840000 gallons	300000 bbl/yr	300000 bbl/yr		8760 hr/yr (All Year)
EQT015	25-1 - Tank 25-1	1.05 million gallons	375000 bbl/yr	375000 bbl/yr		8760 hr/yr (All Year)
EQT016	25-2 - Tank 25-2	1.05 million gallons	375000 bbl/yr	375000 bbl/yr		8760 hr/yr (All Year)
EQT017	35-1 - Tank 35-1	1.47 million gallons	525000 bbl/yr	525000 bbl/yr		8760 hr/yr (All Year)
EQT018	55-1 - Tank 55-1	2.31 million gallons	825000 bbl/yr	825000 bbl/yr		8760 hr/yr (All Year)
EQT019	55-10 - Tank 55-10	2.31 million gallons	825000 bbl/yr	825000 bbl/yr		8760 hr/yr (All Year)
EQT020	55-11 - Tank 55-11	2.31 million gallons	825000 bbl/yr	825000 bbl/yr		8760 hr/yr (All Year)
EQT021	55-13 - Tank 55-13	2.31 million gallons	825000 bbl/yr	825000 bbl/yr		8760 hr/yr (All Year)
EQT022	55-2 - Tank 55-2	2.31 million gallons	825000 bbl/yr	825000 bbl/yr		8760 hr/yr (All Year)
EQT023	55-3 - Tank 55-3	2.31 million gallons	825000 bbl/yr	825000 bbl/yr		8760 hr/yr (All Year)
EQT024	55-4 - Tank 55-4	2.31 million gallons	825000 bbl/yr	825000 bbl/yr		8760 hr/yr (All Year)
EQT025	55-5 - Tank 55-5	2.31 million gallons	825000 bbl/yr	825000 bbl/yr		8760 hr/yr (All Year)
EQT026	55-6 - Tank 55-6	2.31 million gallons	825000 bbl/yr	825000 bbl/yr		8760 hr/yr (All Year)
EQT027	55-7 - Tank 55-7	2.31 million gallons	825000 bbl/yr	825000 bbl/yr		8760 hr/yr (All Year)
EQT028	55-8 - Tank 55-8	2.31 million gallons	825000 bbl/yr	825000 bbl/yr		8760 hr/yr (All Year)
EQT029	55-9 - Tank 55-9	2.31 million gallons	825000 bbl/yr	825000 bbl/yr		8760 hr/yr (All Year)
EQT030	80-1 - Tank 80-1	3.36 million gallons	1.2 MM bbl/yr	1.2 MM bbl/yr		8760 hr/yr (All Year)
EQT032	80-2 - Tank 80-2	3.36 million gallons	1.2 MM bbl/yr	1.2 MM bbl/yr		8760 hr/yr (All Year)
EQT033	80-3 - Tank 80-3	3.36 million gallons	1.2 MM bbl/yr	1.2 MM bbl/yr		8760 hr/yr (All Year)
EQT034	80-4 - Tank 80-4	3.36 million gallons	1.2 MM bbl/yr	1.2 MM bbl/yr		8760 hr/yr (All Year)
EQT035	80-5 - Tank 80-5	3.36 million gallons	1.2 MM bbl/yr	1.2 MM bbl/yr		8760 hr/yr (All Year)
EQT036	80-6 - Tank 80-6	3.36 million gallons	1.2 MM bbl/yr	1.2 MM bbl/yr		8760 hr/yr (All Year)
EQT037	80-7 - Tank 80-7	3.36 million gallons	1.2 MM bbl/yr	1.2 MM bbl/yr		8760 hr/yr (All Year)
EQT038	80-8 - Tank 80-8	3.36 million gallons	1.2 MM bbl/yr	1.2 MM bbl/yr		8760 hr/yr (All Year)

## INVENTORIES

AID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT039	80-9 - Tank 80-9	3.36 million gallons	1.2 MM bbl/yr	1.2 MM bbl/yr		8760 hr/yr (All Year)
EQT040	DOCK RACK - Marine Dock Area		2500 bbl/hr	2500 bbl/hr		8760 hr/yr (All Year)
EQT041	TRUCK RACK - Truck Loading Rack		700 gallons/min	700 gallons/min		8760 hr/yr (All Year)
EQT042	RAIL FL-3 - Railcar Loading Flare		8.64 BTU/hr	8.64 BTU/hr		1050 hr/yr (All Year)
EQT043	500GT - Gasoline Storage Tank	500 gallons	47472 gallons/yr	47472 gallons/yr	Gasoline	3450 hr/yr (All Year)
EQT044	RAIL RACK - Railcar Unloading/Loading Spots		3000 gallons/min	3000 gallons/min		1050 hr/yr (All Year)
EQT045	BOILER CAP - Boiler CAP (1-80 & 2-80)		29.3 MM BTU/hr	29.3 MM BTU/hr	2-700 HP Boilers serve as backup to each other	8760 hr/yr (All Year)
EQT047	110-1 - Tank 110-1	3.47 million gallons	1.32 MM bbl/yr	1.32 MM bbl/yr	Natural Gas Condensate	8760 hr/yr (All Year)
EQT048	VOC/TAP CAP - Facility-wide VOC and TAP Emissions CAP				(None Specified)	
FUG001	FUG A - Pump Pad A				(None Specified)	
FUG002	FUG B - Pump Pad B				(None Specified)	
FUG003	FUG C - Pump Pad C				(None Specified)	
FUG004	FUG D - Pump Pad D				(None Specified)	
FUG005	FUG DOC - Marine Dock Fug				(None Specified)	
FUG006	FUG TRUCK - Truck Rack Fug				(None Specified)	
FUG007	FUG RAIL - Railcar Piping System Fugitives				(None Specified)	

### Subject Item Groups:

ID	Description	Included Components (from Above)
GRP007	Boilers (1-80 & 2-80)	EQT1 1-80 - 700 HP Cleaver-Brooks Boiler
GRP007	Boilers (1-80 & 2-80)	EQT13 2-80 - 700 HP Cleaver-Brooks Boiler
GRP008	Benzene Storage	
GRP008	Benzene Storage	EQT19 55-10 - Tank 55-10
GRP008	Benzene Storage	EQT20 55-11 - Tank 55-11
GRP008	Benzene Storage	EQT21 55-13 - Tank 55-13
GRP008	Benzene Storage	EQT24 55-4 - Tank 55-4
GRP008	Benzene Storage	EQT25 55-5 - Tank 55-5
GRP008	Benzene Storage	EQT26 55-6 - Tank 55-6
GRP008	Benzene Storage	EQT27 55-7 - Tank 55-7
GRP008	Benzene Storage	EQT28 55-8 - Tank 55-8
GRP008	Benzene Storage	EQT29 55-9 - Tank 55-9
GRP008	Benzene Storage	EQT36 80-6 - Tank 80-6
GRP008	Benzene Storage	EQT37 80-7 - Tank 80-7
GRP008	Benzene Storage	EQT38 80-8 - Tank 80-8
GRP008	Benzene Storage	EQT39 80-9 - Tank 80-9
GRP009	Entire Facility	EQT1 1-80 - 700 HP Cleaver-Brooks Boiler
GRP009	Entire Facility	EQT2 Truck FL-1 - Truck Loading Rack Flare

## INVENTORIES

AI ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER1996001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### Subject Item Groups:

ID	Description	Included Components (from Above)
GRP009	Entire Facility	EQT3 Marine FL-2 - Marine Loading Flare
GRP009	Entire Facility	EQT4 10-1 - Tank 10-1
GRP009	Entire Facility	EQT5 12-1 - Tank 12-1
GRP009	Entire Facility	EQT6 12-2 - Tank 12-2
GRP009	Entire Facility	EQT7 12-3 - Tank 12-3
GRP009	Entire Facility	EQT8 12-4 - Tank 12-4
GRP009	Entire Facility	EQT9 15-1 - Tank 15-1
GRP009	Entire Facility	EQT10 15-2 - Tank 15-2
GRP009	Entire Facility	EQT11 150-1F - Tank 150-1F
GRP009	Entire Facility	EQT12 150-2F - Tank 150-2F
GRP009	Entire Facility	EQT13 2-80 - 700 HP Cleaver-Brooks Boiler
GRP009	Entire Facility	EQT14 20-1 - Tank 20-1
GRP009	Entire Facility	EQT15 25-1 - Tank 25-1
GRP009	Entire Facility	EQT16 25-2 - Tank 25-2
GRP009	Entire Facility	EQT17 35-1 - Tank 35-1
GRP009	Entire Facility	EQT18 55-1 - Tank 55-1
GRP009	Entire Facility	EQT19 55-10 - Tank 55-10
GRP009	Entire Facility	EQT20 55-11 - Tank 55-11
GRP009	Entire Facility	EQT21 55-13 - Tank 55-13
GRP009	Entire Facility	EQT22 55-2 - Tank 55-2
GRP009	Entire Facility	EQT23 55-3 - Tank 55-3
GRP009	Entire Facility	EQT24 55-4 - Tank 55-4
GRP009	Entire Facility	EQT25 55-5 - Tank 55-5
GRP009	Entire Facility	EQT26 55-6 - Tank 55-6
GRP009	Entire Facility	EQT27 55-7 - Tank 55-7
GRP009	Entire Facility	EQT28 55-8 - Tank 55-8
GRP009	Entire Facility	EQT29 55-9 - Tank 55-9
GRP009	Entire Facility	EQT30 80-1 - Tank 80-1
GRP009	Entire Facility	EQT32 80-2 - Tank 80-2
GRP009	Entire Facility	EQT33 80-3 - Tank 80-3
GRP009	Entire Facility	EQT34 80-4 - Tank 80-4
GRP009	Entire Facility	EQT35 80-5 - Tank 80-5
GRP009	Entire Facility	EQT36 80-6 - Tank 80-6
GRP009	Entire Facility	EQT37 80-7 - Tank 80-7
GRP009	Entire Facility	EQT38 80-8 - Tank 80-8
GRP009	Entire Facility	EQT39 80-9 - Tank 80-9
GRP009	Entire Facility	EQT40 DOCK RACK - Marine Dock Area

## INVENTORIES

AI ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### Subject Item Groups:

ID	Description	Included Components (from Above)
GRP009	Entire Facility	EQT41 TRUCK RACK - Truck Loading Rack
GRP009	Entire Facility	EQT42 RAIL FL-3 - Railcar Loading Flare
GRP009	Entire Facility	EQT43 500GT - Gasoline Storage Tank
GRP009	Entire Facility	EQT44 RAIL RACK - Railcar Unloading/Loading Spots
GRP009	Entire Facility	FUG1 FUG A - Pump Pad A
GRP009	Entire Facility	FUG2 FUG B - Pump Pad B
GRP009	Entire Facility	FUG3 FUG C - Pump Pad C
GRP009	Entire Facility	FUG4 FUG D - Pump Pad D
GRP009	Entire Facility	FUG5 FUG DOC - Marine Dock Flug
GRP009	Entire Facility	FUG6 FUG TRUCK - Truck Rack Flug
GRP009	Entire Facility	FUG7 FUG RAIL - Railcar Piping System Flugitives
GRP009	Entire Facility	GRP7 Boilers (1-80 & 2-80)
GRP009	Entire Facility	GRP8 Benzene Storage
GRP010	Loading Area Flares	EQT2 Truck FL-1 - Truck Loading Rack Flare
GRP010	Loading Area Flares	EQT3 Marine FL-2 - Marine Loading Flare
GRP010	Loading Area Flares	EQT42 RAIL FL-3 - Railcar Loading Flare
GRP011	Internal Floating Roof Tanks	EQT10 15-2 - Tank 15-2
GRP011	Internal Floating Roof Tanks	EQT14 20-1 - Tank 20-1
GRP011	Internal Floating Roof Tanks	EQT19 55-10 - Tank 55-10
GRP011	Internal Floating Roof Tanks	EQT20 55-11 - Tank 55-11
GRP011	Internal Floating Roof Tanks	EQT21 55-13 - Tank 55-13
GRP011	Internal Floating Roof Tanks	EQT24 55-4 - Tank 55-4
GRP011	Internal Floating Roof Tanks	EQT25 55-5 - Tank 55-5
GRP011	Internal Floating Roof Tanks	EQT26 55-6 - Tank 55-6
GRP011	Internal Floating Roof Tanks	EQT27 55-7 - Tank 55-7
GRP011	Internal Floating Roof Tanks	EQT28 55-8 - Tank 55-8
GRP011	Internal Floating Roof Tanks	EQT29 55-9 - Tank 55-9
GRP011	Internal Floating Roof Tanks	EQT32 80-2 - Tank 80-2
GRP011	Internal Floating Roof Tanks	EQT36 80-6 - Tank 80-6
GRP011	Internal Floating Roof Tanks	EQT37 80-7 - Tank 80-7
GRP011	Internal Floating Roof Tanks	EQT38 80-8 - Tank 80-8
GRP011	Internal Floating Roof Tanks	EQT39 80-9 - Tank 80-9
GRP012	Fixed Roof Storage Tanks	EQT4 10-1 - Tank 10-1
GRP012	Fixed Roof Storage Tanks	EQT5 12-1 - Tank 12-1
GRP012	Fixed Roof Storage Tanks	EQT6 12-2 - Tank 12-2
GRP012	Fixed Roof Storage Tanks	EQT7 12-3 - Tank 12-3
GRP012	Fixed Roof Storage Tanks	EQT8 12-4 - Tank 12-4

## INVENTORIES

AI ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air • Title V Regular Permit Initial

### Subject Item Groups:

ID	Description	Included Components (from Above)
GRP012	Fixed Roof Storage Tanks	EQT9 15-1 - Tank 15-1
GRP012	Fixed Roof Storage Tanks	EQT11 150-1F - Tank 150-1F
GRP012	Fixed Roof Storage Tanks	EQT12 150-2F - Tank 150-2F
GRP012	Fixed Roof Storage Tanks	EQT15 25-1 - Tank 25-1
GRP012	Fixed Roof Storage Tanks	EQT16 25-2 - Tank 25-2
GRP012	Fixed Roof Storage Tanks	EQT17 35-1 - Tank 35-1
GRP012	Fixed Roof Storage Tanks	EQT18 55-1 - Tank 55-1
GRP012	Fixed Roof Storage Tanks	EQT22 55-2 - Tank 55-2
GRP012	Fixed Roof Storage Tanks	EQT23 55-3 - Tank 55-3
GRP012	Fixed Roof Storage Tanks	EQT30 80-1 - Tank 80-1
GRP012	Fixed Roof Storage Tanks	EQT33 80-3 - Tank 80-3
GRP012	Fixed Roof Storage Tanks	EQT34 80-4 - Tank 80-4
GRP012	Fixed Roof Storage Tanks	EQT35 80-5 - Tank 80-5
GRP013	Propylene Oxide Storage	EQT19 55-10 - Tank 55-10
GRP013	Propylene Oxide Storage	EQT21 55-13 - Tank 55-13
GRP013	Propylene Oxide Storage	EQT37 80-7 - Tank 80-7
GRP013	Propylene Oxide Storage	EQT39 80-9 - Tank 80-9
GRP014	Fugitive Emissions of VHAPs	FUG1 FUG A - Pump Pad A
GRP014	Fugitive Emissions of VHAPs	FUG2 FUG B - Pump Pad B
GRP014	Fugitive Emissions of VHAPs	FUG3 FUG C - Pump Pad C
GRP014	Fugitive Emissions of VHAPs	FUG4 FUG D - Pump Pad D
GRP014	Fugitive Emissions of VHAPs	FUG5 FUG DOC - Marine Dock Fug
GRP014	Fugitive Emissions of VHAPs	FUG6 FUG TRUCK - Truck Rack Fug
GRP014	Fugitive Emissions of VHAPs	FUG7 FUG RAIL - Railcar Piping System Fugitives
GRP014	Fugitive Emissions of VHAPs	EQT2 Truck FL-1 - Truck Loading Rack Flare
GRP015	Propylene Oxide Loading and Fugitives	EQT3 Marine FL-2 - Marine Loading Flare
GRP015	Propylene Oxide Loading and Fugitives	EQT40 DOCK RACK - Marine Dock Area
GRP015	Propylene Oxide Loading and Fugitives	EQT41 TRUCK RACK - Truck Loading Rack
GRP015	Propylene Oxide Loading and Fugitives	EQT42 RAIL FL-3 - Railcar Loading Flare
GRP015	Propylene Oxide Loading and Fugitives	EQT44 RAIL RACK - Railcar Unloading/Loading Spots
GRP015	Propylene Oxide Loading and Fugitives	FUG1 FUG A - Pump Pad A
GRP015	Propylene Oxide Loading and Fugitives	FUG2 FUG B - Pump Pad B
GRP015	Propylene Oxide Loading and Fugitives	FUG3 FUG C - Pump Pad C
GRP015	Propylene Oxide Loading and Fugitives	FUG4 FUG D - Pump Pad D
GRP015	Propylene Oxide Loading and Fugitives	FUG5 FUG DOC - Marine Dock Fug
GRP015	Propylene Oxide Loading and Fugitives	FUG6 FUG TRUCK - Truck Rack Fug
GRP015	Propylene Oxide Loading and Fugitives	FUG7 FUG RAIL - Railcar Piping System Fugitives

## INVENTORIES

AI ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### Subject Item Groups:

Subject Item Groups:	ID	Description	Included Components (from Above)
GRP016 Benzene Loading and Fugitives			EQT2 Truck FL-1 - Truck Loading Rack Flare
GRP016 Benzene Loading and Fugitives			EQT3 Marine FL-2 - Marine Loading Flare
GRP016 Benzene Loading and Fugitives			EQT40 DOCK RACK - Marine Dock Area
GRP016 Benzene Loading and Fugitives			EQT41 TRUCK RACK - Truck Loading Rack
GRP016 Benzene Loading and Fugitives			EQT42 RAIL FL-3 - Railcar Loading Flare
GRP016 Benzene Loading and Fugitives			EQT44 RAIL RACK - Railcar Unloading/Loading Spots
GRP016 Benzene Loading and Fugitives			FUG1 FUG A - Pump Pad A
GRP016 Benzene Loading and Fugitives			FUG2 FUG B - Pump Pad B
GRP016 Benzene Loading and Fugitives			FUG3 FUG C - Pump Pad C
GRP016 Benzene Loading and Fugitives			FUG4 FUG D - Pump Pad D
GRP016 Benzene Loading and Fugitives			FUG5 FUG DOC - Marine Dock Fug
GRP016 Benzene Loading and Fugitives			FUG6 FUG TRUCK - Truck Rack Fug
GRP016 Benzene Loading and Fugitives			FUG7 FUG RAIL - Railcar Piping System Fugitives
GRP017 LAC 33:II.2103 Requirements			EQT4 10-1 - Tank 10-1
GRP017 LAC 33:II.2103 Requirements			EQT5 12-1 - Tank 12-1
GRP017 LAC 33:II.2103 Requirements			EQT6 12-2 - Tank 12-2
GRP017 LAC 33:II.2103 Requirements			EQT7 12-3 - Tank 12-3
GRP017 LAC 33:II.2103 Requirements			EQT8 12-4 - Tank 12-4
GRP017 LAC 33:II.2103 Requirements			EQT9 15-1 - Tank 15-1
GRP017 LAC 33:II.2103 Requirements			EQT11 150-1F - Tank 150-1F
GRP017 LAC 33:II.2103 Requirements			EQT12 150-2F - Tank 150-2F
GRP017 LAC 33:II.2103 Requirements			EQT15 25-1 - Tank 25-1
GRP017 LAC 33:II.2103 Requirements			EQT16 25-2 - Tank 25-2
GRP017 LAC 33:II.2103 Requirements			EQT17 35-1 - Tank 35-1
GRP017 LAC 33:II.2103 Requirements			EQT18 55-1 - Tank 55-1
GRP017 LAC 33:II.2103 Requirements			EQT22 55-2 - Tank 55-2
GRP017 LAC 33:II.2103 Requirements			EQT23 55-3 - Tank 55-3
GRP017 LAC 33:II.2103 Requirements			EQT30 80-1 - Tank 80-1
GRP017 LAC 33:II.2103 Requirements			EQT33 80-3 - Tank 80-3
GRP017 LAC 33:II.2103 Requirements			EQT34 80-4 - Tank 80-4
GRP017 LAC 33:II.2103 Requirements			EQT35 80-5 - Tank 80-5
GRP018 40 CFR 60 Subpart K			EQT4 10-1 - Tank 10-1
GRP018 40 CFR 60 Subpart K			EQT9 15-1 - Tank 15-1
GRP018 40 CFR 60 Subpart K			EQT15 25-1 - Tank 25-1
GRP018 40 CFR 60 Subpart K			EQT18 55-1 - Tank 55-1
GRP018 40 CFR 60 Subpart K			EQT22 55-2 - Tank 55-2
GRP018 40 CFR 60 Subpart K			EQT23 55-3 - Tank 55-3

## INVENTORIES

AI ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### Subject Item Groups:

ID	Description	Included Components (from Above)
GRP018	40 CFR 60 Subpart K	EQT30 80-1 - Tank 80-1
GRP019	40 CFR 60 Subpart Ka	EQT5 12-1 - Tank 12-1
GRP019	40 CFR 60 Subpart Ka	EQT6 12-2 - Tank 12-2
GRP019	40 CFR 60 Subpart Ka	EQT7 12-3 - Tank 12-3
GRP019	40 CFR 60 Subpart Ka	EQT8 12-4 - Tank 12-4
GRP019	40 CFR 60 Subpart Ka	EQT33 80-3 - Tank 80-3
GRP019	40 CFR 60 Subpart Ka	EQT34 80-4 - Tank 80-4
GRP019	40 CFR 60 Subpart Ka	EQT35 80-5 - Tank 80-5
GRP020	40 CFR 60 Subpart Kb	EQT11 150-1F - Tank 150-1F
GRP020	40 CFR 60 Subpart Kb	EQT12 150-2F - Tank 150-2F

### Relationships:

Subject Item	Relationship	Subject Item
EQT2 Truck FL-1 - Truck Loading Rack Flare	Controls emissions from	EQT41 TRUCK RACK - Truck Loading Rack
EQT3 Marine FL-2 - Marine Loading Flare	Controls emissions from	EQT40 DOCK RACK - Marine Dock Area
EQT42 RAIL FL-3 - Railcar Loading Flare	Controls emissions from	EQT41 TRUCK RACK - Truck Loading Rack
EQT42 RAIL FL-3 - Railcar Loading Flare	Controls emissions from	EQT44 RAIL RACK - Railcar Unloading/Loading Spots

### Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT001	1-80 - 700 HP Cleaver-Brooks Boiler	35.9	10771	2	28.5	300
EQT002	Truck FL-1 - Truck Loading Rack Flare	27.7	320	.5	25	1832
EQT003	Marine FL-2 - Marine Loading Flare	5.4	10782	6.5	50	1500
EQT004	10-1 - Tank 10-1	0			46	77
EQT005	12-1 - Tank 12-1	0			46	77
EQT006	12-2 - Tank 12-2	0			46	77
EQT007	12-3 - Tank 12-3	0			46	77
EQT008	12-4 - Tank 12-4	0			46	77
EQT009	15-1 - Tank 15-1	0			46	77
EQT010	15-2 - Tank 15-2	0			46	77
EQT011	150-1F - Tank 150-1F	0			46	77
EQT012	150-2F - Tank 150-2F	0			46	77
EQT013	2-80 - 700 HP Cleaver-Brooks Boiler	35.9	10771	2	28.5	300
EQT014	20-1 - Tank 20-1	0			39	77
EQT015	25-1 - Tank 25-1	0			46	77
EQT016	25-2 - Tank 25-2	0			46	77
EQT017	35-1 - Tank 35-1	0			41	77
EQT018	55-1 - Tank 55-1	0			46	77
EQT019	55-10 - Tank 55-10	0			46	77

**INVENTORIES**

AI ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-0025-V0  
 Air - Title V Regular Permit Initial

## Stack Information:

ID		Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Tempat (oF)
EQT020	55-11 - Tank 55-11	0		3		46	77
EQT021	55-13 - Tank 55-13	0		3		46	77
EQT022	55-2 - Tank 55-2	0		3		46	77
EQT023	55-3 - Tank 55-3	0		3		46	77
EQT024	55-4 - Tank 55-4	0		3		46	77
EQT025	55-5 - Tank 55-5	0		3		46	77
EQT026	55-6 - Tank 55-6	0		3		46	77
EQT027	55-7 - Tank 55-7	0		3		46	77
EQT028	55-8 - Tank 55-8	0		3		46	77
EQT029	55-9 - Tank 55-9	0		3		46	77
EQT030	80-1 - Tank 80-1	0		3		46	77
EQT032	80-2 - Tank 80-2	0		3		46	77
EQT033	80-3 - Tank 80-3	0		3		46	77
EQT034	80-4 - Tank 80-4	0		3		46	77
EQT035	80-5 - Tank 80-5	0		3		46	77
EQT036	80-6 - Tank 80-6	0		3		46	77
EQT037	80-7 - Tank 80-7	0		3		46	77
EQT038	80-8 - Tank 80-8	0		3		46	77
EQT039	80-9 - Tank 80-9	0		3		46	77
EQT040	DOCK RACK - Marine Dock Area	1.95	234	3.2		6.6	77
EQT041	TRUCK RACK - Truck Loading Rack	.05	93.6	3		12	77
EQT042	RAIL FL-3 - Railcar Loading Flare	38.3	801	.67		40	1832
EQT043	500GT - Gasoline Storage Tank					6.25	75
EQT044	RAIL RACK - Railcar Unloading/Loading Spots	.32	133.7	3		12	77
EQT045	BOILER CAP - Boiler CAP (1-80 & 2-80)						
EQT047	110-1 - Tank 110-1	0		3		45	77
FUG001	FUG A - Pump Pad A					3.2	77
FUG002	FUG B - Pump Pad B					3.2	77
FUG003	FUG C - Pump Pad C					3.2	77
FUG004	FUG D - Pump Pad D					3.2	77
FUG005	FUG DOC - Marine Dock Fug					3.2	77
FUG006	FUG TRUCK - Truck Rack Fug					6.6	77
						6.2	77

## Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc	Fee
GRP009	1		1340 - B) Petroleum, Chemical Bulk Storage and Terminal (1,000,000 - 3,000,000 BBL Capacity)	

## EMISSION RATES FOR CRITERIA POLLUTANTS

AID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### All phases

Subject Item	PM <sub>10</sub>			SO <sub>2</sub>			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 001 1-80	0.450		0.040			5.860			4.920			0.320			
EQT 002 Truck FL-1	0.030	0.080	0.12	0.001	0.003 <	0.01	0.780	2.290	3.44	6.740	19.680	29.51		7.765	
EQT 003 Marine FL-2	0.050	0.140	0.21	0.002	0.007	0.01	0.480	1.390	2.09	4.100	11.980	17.97		13.253	5.91
EQT 004 10-1															187.789
EQT 005 12-1															187.789
EQT 006 12-2															187.789
EQT 007 12-3															187.789
EQT 008 12-4															187.789
EQT 009 15-1															187.793
EQT 010 15-2															187.793
EQT 011 150-1F															67.980
EQT 012 150-2F															67.980
EQT 013 2-80	0.450		0.040			5.860			4.920			0.320			
EQT 014 20-1															188.022
EQT 015 25-1															188.153
EQT 016 25-2															188.062
EQT 017 35-1															188.775
EQT 018 55-1															188.905

## EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### All phases

Subject Item	PM <sub>10</sub>			SO <sub>2</sub>			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 019 55-10															188.905
EQT 021 55-13															188.905
EQT 022 55-2															188.905
EQT 023 55-3															189.153
EQT 024 55-4															189.153
EQT 025 55-5															189.153
EQT 026 55-6															189.153
EQT 027 55-7															188.905
EQT 028 55-8															188.905
EQT 029 55-9															188.905
EQT 030 80-1															189.945
EQT 032 80-2															189.945
EQT 033 80-3															189.945
EQT 034 80-4															189.586
EQT 035 80-5															189.586
EQT 036 80-6															189.945
EQT 037 80-7															189.945
EQT 038 80-8															189.586

## EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### All phases

Subject Item	PM <sub>10</sub>			SO <sub>2</sub>			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 039 60-9															189.586
EQT 040 DOCK RACK															174.600
EQT 041 TRUCK RACK															95.00
EQT 042 RAIL FL-3							0.126			0.55					59.966
EQT 043 500GT							0.670			0.685					
EQT 044 RAIL RACK										3.630			3.00		12.230
EQT 045 BOILER CAP	0.220	0.98	0.020				0.08			2.930			12.83		0.26
EQT 047 110-1															
EQT 048 VOC/TAP CAP															61.264
FUG 001 FUG A															
FUG 002 FUG B															0.621
FUG 003 FUG C															1.342
FUG 004 FUG D															0.886
FUG 005 FUG DOC															1.240
FUG 006 FUG TRUCK															5.14
FUG 007 FUG RAIL															22.50
															0.621
															0.014

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

## EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### All phases

PM10: 1.31 tons/yr  
 SO2: 0.09 tons/yr  
 NOx: 18.91 tons/yr  
 CO: 61.26 tons/yr  
 VOC: 290.70 tons/yr

#### Emission rates Notes:

EQT 003	VOC	Tons/Year	(The emission rate is the potential to emit. This pointsource is permitted under the facility-wide total VOC emissions which are capped 270 TPY.) Months: All Year (Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight).)	Which Months: All Year
EQT 004	VOC	Max lb/hr	Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). All Year	Which Months: All Year
EQT 005	VOC	Max lb/hr	Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). All Year	Which Months: All Year
EQT 006	VOC	Max lb/hr	Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). All Year	Which Months: All Year
EQT 007	VOC	Max lb/hr	Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). All Year	Which Months: All Year
EQT 008	VOC	Max lb/hr	Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). All Year	Which Months: All Year
EQT 009	VOC	Max lb/hr	Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). All Year	Which Months: All Year
EQT 010	VOC	Max lb/hr	Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight.) (Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case TAP.)	Which Months: All Year
EQT 011	VOC	Max lb/hr	Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight.) (Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case TAP.)	Which Months: All Year
EQT 012	VOC	Max lb/hr	Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight.) (Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).)	Which Months: All Year
EQT 014	VOC	Max lb/hr	Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight.) (Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).)	Which Months: All Year
EQT 015	VOC	Max lb/hr	Maximum emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). Months: All Year	Which Months: All Year
EQT 016	VOC	Max lb/hr	Maximum emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). Months: All Year	Which Months: All Year
EQT 017	VOC	Max lb/hr	Maximum emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). Months: All Year	Which Months: All Year
EQT 018	VOC	Max lb/hr	Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). Months: All Year	Which Months: All Year
EQT 019	VOC	Max lb/hr	Max emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight.) (Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).)	Which Months: All Year
EQT 021	VOC	Max lb/hr	Max emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight.) (Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).)	Which Months: All Year
EQT 022	VOC	Max lb/hr	Max emission rate is based on maximum loading losses of the worst case compound (combination highest vapor pressure and molecular weight.) (Maximum emission rate is based on maximum loading losses of the worst case compound (combination highest vapor pressure and molecular weight).)	Which Months: All Year
EQT 023	VOC	Max lb/hr	Max emission rate is based on maximum loading losses of the worst case compound (combination highest vapor pressure and molecular weight.) (Maximum emission rate is based on maximum loading losses of the worst case compound (combination highest vapor pressure and molecular weight).)	Which Months: All Year

## EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### All phases

EQT 023	VOC	Max lb/hr	Months: All Year	(Maximum emission rate is based on maximum loading losses of the worst case compound (combination highest vapor pressure and molecular weight).) Which Months: All Year
EQT 024	VOC	Max lb/hr	(Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 025	VOC	Max lb/hr	(Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 026	VOC	Max lb/hr	(Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 027	VOC	Max lb/hr	(Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 028	VOC	Max lb/hr	(Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 029	VOC	Max lb/hr	(Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 030	VOC	Max lb/hr	(Maximum emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 032	VOC	Max lb/hr	(Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 033	VOC	Max lb/hr	(Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 034	VOC	Max lb/hr	(Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 035	VOC	Max lb/hr	(Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 036	VOC	Max lb/hr	(Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 037	VOC	Max lb/hr	(Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 038	VOC	Max lb/hr	(Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 039	VOC	Max lb/hr	(Maximum emission rate is based on maximum loading losses, at fixed roof storage conditions, of the worst case compound (combination highest vapor pressure and molecular weight).) Which Months: All Year	
EQT 040	VOC	Max lb/hr	Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). Which Months: All Year	
EQT 040	VOC	Tons/Year	(The emission rate is the potential to emit. This pointsource is permitted under the facility-wide total VOC emissions which are capped at 290.70 TPY.) Which Months: All Year	
EQT 041	VOC	Max lb/hr	Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). Which Months: All Year	
EQT 044	VOC	Max lb/hr	Max emission rate is calculated based upon loading of the worst case compound (combination of highest vapor pressure and molecular weight). Which Months: All Year	
FUG 005	VOC	Tons/Year	(This emission rate is the potential to emit. This pointsource is permitted under the facility-wide total VOC emissions which are capped.) Which Months: All Year	

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AIID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### All phases

		Benzene			Benzyl chloride			Cumene			Dimethyl formamide			Ethyl benzene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	
EQT 002		1.849														
Truck FL-1		4.624														
EQT 003																
Marine FL-2																
EQT 004																
10-1																
EQT 005																
12-1																
EQT 006																
12-2																
EQT 007																
12-3																
EQT 008																
12-4																
EQT 009																
15-1																
EQT 010																
15-2																
EQT 011																
15G-1F																
EQT 012																
15G-2F																
EQT 014																
20-1																
EQT 015																
25-1																
EQT 016																
25-2																
EQT 017																
35-1																
EQT 018																
55-1																
EQT 019																
55-10																
EQT 020																
55-11																

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### All phases

Subject Item	Ethylene glycol			Glycol ethers (Table 51.1)			Glycol ethers (Table 51.3)			Methanol			Methyl Tertiary Butyl Ether		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 Truck FL-1													1.039		
EQT 003 Marine FL-2													2.598		
EQT 004 10-1	0.449				13.963										13.253
EQT 005 12-1	0.450			13.972											
EQT 006 12-2	0.450			13.972											
EQT 007 12-3	0.450			13.972											
EQT 008 12-4	0.450			13.972											
EQT 009 15-1	0.451			13.985											
EQT 010 15-2	0.451			13.985											
EQT 011 150-1F															
EQT 012 150-2F															
EQT 014 20-1	0.453			14.019											
EQT 015 25-1	0.454			14.040											
EQT 016 25-2	0.454			14.040											
EQT 017 35-1										14.105					
EQT 018 55-1	0.465									14.197			0.388		1.100
EQT 019 55-10	0.465									14.197			0.388		1.100
EQT 020 55-11	0.465									14.197			0.388		1.100

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER1996001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### All phases

Subject Item	Methyl ethyl ketone			Methyl isobutyl ketone			Propylene oxide			Styrene			Sulfuric acid		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 Truck FL-1	1.699									4.905					
EQT 003 Marine FL-2	4.248														
EQT 004 10-1															
EQT 005 12-1										0.528					
EQT 006 12-2										0.528					
EQT 007 12-3										0.528					
EQT 008 12-4										0.528					
EQT 009 15-1															
EQT 010 15-2															
EQT 011 150-IF															
EQT 012 150-2F															
EQT 014 20-1										0.424					
EQT 015 25-1															
EQT 016 25-2															
EQT 017 35-1															
EQT 018 55-1													44.688		0.002
EQT 019 55-10													44.688		0.002
EQT 020 55-11													44.688		0.002

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

All ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

**All phases**

Toluene										Xylene (mixed isomers)										n-Hexane									
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year					
EQT 002 Truck FL-1	0.676				2.464														3.186										
EQT 003 Marine FL-2					6.161														7.964										
EQT 004 10-1																													
EQT 005 12-1																													
EQT 006 12-2																													
EQT 007 12-3																													
EQT 008 12-4																													
EQT 009 15-1																													
EQT 010 15-2																													
EQT 011 150-1F																													
EQT 012 150-2F																			58.002										
EQT 014 20-1																													
EQT 015 25-1																													
EQT 016 25-2																													
EQT 017 35-1																													
EQT 018 55-1	168.021			0.641						58.402									0.685					26.820					
EQT 019 55-10	0.359			0.641						58.402									0.685					26.820					
EQT 020 55-11	0.359			0.641						58.402									0.685					26.820					

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

**All phases**

Subject Item	Benzene			Benzyl chloride			Cumene			Dimethyl formamide			Ethyl benzene		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 021 55-13		0.536			9.528										63.357
EQT 022 55-2					9.528										63.357
EQT 023 55-3					9.528										63.357
EQT 024 55-4		0.536			0.343										63.357
EQT 025 55-5		0.536			9.528										63.357
EQT 026 55-6		0.536			0.343										63.357
EQT 027 55-7		0.536			9.528										63.357
EQT 028 55-8		0.536			9.528										63.357
EQT 029 55-9		0.536			9.528										63.357
EQT 033 80-3															63.632
EQT 034 80-4															63.632
EQT 035 80-5															63.632
EQT 036 80-6		0.450													63.632
EQT 037 80-7		0.450													63.632
EQT 038 80-8		0.450													63.632
EQT 039 80-9		0.450													0.279
EQT 040 DOCK RACK															33.840
EQT 041 TRUCK RACK															13.536

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### All phases

Ethylene glycol		Glycol ethers (Table 51.1)			Glycol ethers (Table 51.3)			Methanol			Methyl Tertiary Butyl Ether			
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Tons/Year
EQT 021 55-13		0.465					14.197			0.388				1.100
EQT 022 55-2		0.465					14.197			0.388				1.100
EQT 023 55-3		0.465					14.197			0.388				1.100
EQT 024 55-4		0.465					0.326			0.388				1.100
EQT 025 55-5		0.465					14.197			0.388				1.100
EQT 026 55-6		0.465					14.197			0.388				1.100
EQT 027 55-7		0.465					14.197			0.388				1.100
EQT 028 55-8		0.465					14.197			0.388				1.100
EQT 029 55-9		0.465					14.197			0.388				1.100
EQT 033 80-3										0.400				1.353
EQT 034 80-4										0.400				1.353
EQT 035 80-5										0.400				1.353
EQT 036 80-6										0.400				1.353
EQT 037 80-7										0.400				1.353
EQT 038 80-8										0.400				1.353
EQT 039 80-9							0.286			0.400				1.353
EQT 040 DOCK RACK		0.311					13.717							
EQT 041 TRUCK RACK		0.124					16.376			77.618				
							5.487			6.550				

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

All ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

**All phases**

Subject Item	Methyl ethyl ketone			Methyl Isobutyl ketone			Propylene oxide			Styrene			Sulfuric acid		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 021 55-13	0.492						1.883			44.688					0.002
EQT 022 55-2	0.492									44.688					0.002
EQT 023 55-3	0.492									44.688					0.002
EQT 024 55-4	0.492									44.688					0.002
EQT 025 55-5	0.492									44.688					0.002
EQT 026 55-6	0.492									44.688					0.002
EQT 027 55-7	0.492									44.688					0.002
EQT 028 55-8	0.492									44.688					0.002
EQT 029 55-9	0.492									44.688					0.002
EQT 033 80-3										44.904					
EQT 034 80-4															
EQT 035 80-5															
EQT 036 80-6															
EQT 037 80-7										2.374					
EQT 038 80-8										2.374					
EQT 039 80-9										2.374					
EQT 040 DOCK RACK		135.988					64.446						23.872		0.002
EQT 041 TRUCK RACK							25.778						9.531		0.001

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

All ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER1996001  
 Permit Number: 1280-00025-V0  
 Air • Title V Regular Permit Initial

**All phases**

Subject Item	Toluene			Vinyl acetate			Xylene (mixed isomers)			n-Hexane			n-butyl alcohol		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 021 55-13		0.359			0.641			58.402			0.685				26.820
EQT 022 55-2		0.359			0.641			58.402			0.685				26.820
EQT 023 55-3		0.359			0.641			58.402			0.685				26.820
EQT 024 55-4		0.359			0.641			58.402			0.685				26.820
EQT 025 55-5		0.359			0.641			58.402			0.685				26.820
EQT 026 55-6		0.359			0.641			58.402			0.685				26.820
EQT 027 55-7		0.359			0.641			58.402			0.685				26.820
EQT 028 55-8		0.359			0.641			58.402			0.685				26.820
EQT 029 55-9		0.359			0.641			58.402			0.685				26.820
EQT 033 80-3								58.402			0.685				26.820
EQT 034 80-4								58.402			0.685				26.820
EQT 035 80-5								58.402			0.685				26.820
EQT 036 80-6		0.351						58.662							
EQT 037 80-7		0.351						58.662							
EQT 038 80-8		0.351						0.274							
EQT 039 80-9		0.351						0.274							
EQT 040 DOCK RACK		84.547						174.600				262.188			17.186
EQT 041 TRUCK RACK		20.411						31.196							6.875
								12.478							

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER1996001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### All phases

Subject Item	Benzene			Benzyl chloride			Cumene			Dimethyl formamide			Ethyl benzene		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 042 RAIL FL-3	2.642														
EQT 043 500GT	< 0.0001	< 0.0001	< 0.001												
EQT 044 RAIL RACK							3.051						10.852		
EQT 047 110-1	0.018														
EQT 048 VOCTAP CAP	5.34		23.40	10.39			45.50	8.63		37.79	4.47		19.56	41.21	
FUG 001 FUG A	0.030						0.210			0.358			0.174		
FUG 002 FUG B							0.448			0.161					
FUG 003 FUG C	0.055														0.250
FUG 004 FUG D															0.351
FUG 005 FUG DOC	0.245						1.735			1.272			1.434		
FUG 006 FUG TRUCK	0.030									0.075			0.174		
FUG 007 FUG RAIL	0.014									0.014			0.014		

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER19960001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### All phases

Ethylene glycol		Glycol ethers (Table 51.1)			Glycol ethers (Table 51.3)			Methanol			Methyl Tertiary Butyl Ether				
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 042 RAIL FL-3										1.484					7.573
EQT 043 500GT															
EQT 044 RAIL RACK	0.177			7.838				9.358							
EQT 047 110-1															
EQT 048 VOCTAP CAP	2.46		10.78	4.51		19.77	4.50		19.71	3.79		16.60	3.17		13.90
FUG 001 FUG A	0.173			0.138			0.210								
FUG 002 FUG B	0.371						0.448			0.292			0.326		
FUG 003 FUG C										0.253			0.259		
FUG 004 FUG D															
FUG 005 FUG DOC		1.432		1.147			1.735			1.292			1.454		
FUG 006 FUG TRUCK		0.173				0.138		0.210			0.144		0.079		
FUG 007 FUG RAIL		0.014				0.014			0.014			0.014			

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER1996001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### All phases

Subject Item	Methyl ethyl ketone			Methyl isobutyl ketone			Propylene oxide			Styrene			Sulfuric acid		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 042 RAIL FL-3		2.427							7.007						
EQT 043 500GT															
EQT 044 RAIL RACK				36.826								13.615			0.001
EQT 047 110-1															
EQT 048 VOCTAP CAP	4.35	19.07	3.39		14.84	18.17		79.57	12.85		56.27		0.21		0.91
FUG 001 FUG A	0.210			0.173			0.075								
FUG 002 FUG B		0.448										0.202			0.202
FUG 003 FUG C								0.140				0.176			
FUG 004 FUG D															
FUG 005 FUG DOC	1.735			1.434			0.625					0.781			
FUG 006 FUG TRUCK		0.210			0.173			0.075				0.094			
FUG 007 FUG RAIL		0.014					0.014					0.014			

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 3492 - LBC Baton Rouge LLC  
 Activity Number: PER1996001  
 Permit Number: 1280-00025-V0  
 Air - Title V Regular Permit Initial

### All phases

Subject Item	Toluene	Vinyl acetate	Xylene (mixed isomers)	n-Hexane	n-butyl alcohol							
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 042 RAIL FL-3	0.966		3.521						4.551			
EQT 043 soot												
EQT 044 RAIL RACK	61.264					17.826						9.821
EQT 047 110-1	0.017					0.005						
EQT 048 VOC/TAP CAP	8.42	36.89	3.94	17.27	22.13		96.91	4.33		18.96	5.81	
FUG 001 FUG A				0.114					0.114			0.095
FUG 002 FUG B	0.326			0.245			0.369			0.245		
FUG 003 FUG C	0.285							0.284				0.204
FUG 004 FUG D												
FUG 005 FUG DOC	1.453			0.945			1.643			0.946		
FUG 006 FUG TRUCK		0.162			0.114		0.089			0.114		0.095
FUG 007 FUG RAIL		0.014			0.014		0.014			0.014		0.014

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

### Permit Parameter Totals:

Benzene: 23.40 tons/yr  
 Benzyl chloride: 45.50 tons/yr  
 Cumene: 37.79 tons/yr  
 Dimethyl formamide: 19.56 tons/yr  
 Ethyl benzene: 180.50 tons/yr  
 Ethylene glycol: 10.78 tons/yr  
 Glycol ethers (Table 5.1): 19.77 tons/yr

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### All phases

Glycol ethers (Table 51.3): 19.71 tons/yr  
Methanol: 16.60 tons/yr  
Methyl ethyl ketone: 19.07 tons/yr  
Methyl Isobutyl ketone: 14.84 tons/yr  
Methyl Tertiary Butyl Ether: 13.90 tons/yr  
n-butyl alcohol: 18.96 tons/yr  
n-Hexane: 18.96 tons/yr  
Propylene oxide: 79.57 tons/yr  
Styrene: 56.27 tons/yr  
Sulfuric acid: 0.91 tons/yr  
Toluene: 36.89 tons/yr  
Vinyl acetate: 17.27 tons/yr  
Xylene (mixed isomers): 96.91 tons/yr

#### Emission Rates Notes:

EQT 005	Methyl Isobutyl ketone	Max lb/hr	Emission estimates are based upon storage in an IFR tank. See MIBK CAP.	Which Months: All Year
EQT 006	Methyl Isobutyl ketone	Max lb/hr	Emission estimates are based upon storage in an IFR tank. See MIBK CAP.	Which Months: All Year
EQT 007	Methyl Isobutyl ketone	Max lb/hr	Emission estimates are based upon storage in an IFR tank. See MIBK CAP.	Which Months: All Year
EQT 008	Methyl Isobutyl ketone	Max lb/hr	Emission estimates are based upon storage in an IFR tank. See MIBK CAP.	Which Months: All Year
EQT 014	Methyl Isobutyl ketone	Max lb/hr	Maximum emission rate is based on maximum loading losses at IFR storage conditions. See MIBK CAP.	Which Months: All Year
EQT 018	Methanol	Max lb/hr	Emissions estimates are calculated based upon storage in an IFR tank.	Which Months: All Year
EQT 018	Methyl Tertiary Butyl Ether	Max lb/hr	Emission estimates are based upon storage in an IFR tank.	Which Months: All Year
EQT 018	Methyl ethyl ketone	Max lb/hr	Emissions estimates are calculated based upon storage in an IFR tank.	Which Months: All Year
EQT 018	Vinyl acetate	Max lb/hr	Emissions estimates are calculated based upon storage in an IFR tank.	Which Months: All Year
EQT 018	n-Hexane	Max lb/hr	Emissions estimates are calculated based upon storage in an IFR tank.	Which Months: All Year
EQT 019	Methanol	Max lb/hr	Emissions estimates are calculated based upon storage in an IFR tank.	Which Months: All Year
EQT 019	Methyl Tertiary Butyl Ether	Max lb/hr	Emissions estimates are calculated based upon storage in an IFR tank.	Which Months: All Year
EQT 019	Methyl ethyl ketone	Max lb/hr	Emissions estimates are calculated based upon storage in an IFR tank.	Which Months: All Year
EQT 019	Vinyl acetate	Max lb/hr	Emissions estimates are calculated based upon storage in an IFR tank.	Which Months: All Year
EQT 020	Methanol	Max lb/hr	Emissions estimates are calculated based upon storage in an IFR tank.	Which Months: All Year
EQT 020	Methyl Tertiary Butyl Ether	Max lb/hr	Emissions estimates are calculated based upon storage in an IFR tank.	Which Months: All Year
EQT 020	Methyl ethyl ketone	Max lb/hr	Emissions estimates are calculated based upon storage in an IFR tank.	Which Months: All Year

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

**AI ID:** 3492 - LBC Baton Rouge LLC  
**Activity Number:** PER19960001  
**Permit Number:** 1280-0025-V0  
**AIR - Title V Regular Permit Initial**

## **EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT001 1-80 - 700 HP Cleaver-Brooks Boiler

- 1 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]  
Which Months: All Year Statistical Basis: None specified
- 2 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]  
Which Months: All Year Statistical Basis: None specified
- 3 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 4 Existing large and limited use gaseous fuel units or reconstructed small liquid fuel units that burn only gaseous fuels or distillate oil are subject to only the initial notification requirements in 63.9(b) (i.e., they are not subject to the emission limits, work practice standards, performance testing, monitoring, SSMP, site-specific monitoring plans, recordkeeping and reporting requirements of this subpart or any other requirements in subpart A of this part). Subpart DDDDD. [40 CFR 63.7506(b)]

### EQT002 Truck FL-1 - Truck Loading Rack Flare

- 5 Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. [LAC 33:III.1105]  
Which Months: All Year Statistical Basis: None specified
- 6 Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:III.13923. Notification is required only if the upset cannot be controlled in six hours. [LAC 33:III.1105]
- 7 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 8 Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: None specified
- 9 Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: None specified
- 10 Flare gas: Heat content recordkeeping by electronic or hard copy annually. [LAC 33:III.501.C.6]
- 11 Presence of a flame monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: None specified
- 12 Presence of a flame recordkeeping by electronic or hard copy daily. [LAC 33:III.501.C.6]
- 13 Develop a corrective action plan for re-lighting the flare. Plan must be kept readily available for immediate implementation in the event the flare needs to be re-lit. [LAC 33:III.501.C.6]
- 14 Methyl Tertiary Butyl Ether <= 5.301 lb/yr. [LAC 33:III.501.C.6]  
Which Months: Phases: Statistical Basis: Hourly maximum
- 15 Toxic air pollutants (TAP) >= 98 % control efficiency. TAPs include Benzene, Propylene Oxide, n-Hexane, Methanol, Methyl Ethyl Ketone, Methyl Tertiary Butyl Ether, Vinyl Acetate. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: None specified
- 16 VOC, Non-toxic >= 98 % control efficiency of volatile organic compounds with a vapor pressure equal to or greater than 1.5 psia. [LAC 33:III.501.C.6]  
Which Months: All Year Phases: Statistical Basis:

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT003      Marine FL-2 - Marine Loading Flare

- 17 Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. [LAC 33:III.1105]  
Which Months: All Year    Statistical Basis: None specified
- 18 Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:1.3923. Notification is required only if the upset cannot be controlled in six hours. [LAC 33:III.1105]
- 19 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 20 Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack. [LAC 33:III.501.C.6]
- Which Months: All Year    Statistical Basis: None specified
- 21 Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf. [LAC 33:III.501.C.6]
- Which Months: All Year    Statistical Basis: None specified
- 22 Flare gas: Heat content recordkeeping by electronic or hard copy annually. [LAC 33:III.501.C.6]
- 23 Presence of a flame monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
- Which Months: All Year    Statistical Basis: None specified
- 24 Presence of a flame recordkeeping by electronic or hard copy daily. [LAC 33:III.501.C.6]
- 25 Develop a corrective action plan for re-lighting the flare. Plan must be kept readily available for immediate implementation in the event the flare needs to be re-lit. [LAC 33:III.501.C.6]
- 26 Toxic air pollutants (TAP) >= 98 % control efficiency. TAPs include Benzene, Propylene Oxide, and Methyl Tertiary Butyl Ether. [LAC 33:III.501.C.6]
- Which Months: All Year    Statistical Basis: None specified
- EQT004      10-1 - Tank 10-1**
- 27 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]
- 28 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 29 Methyl isobutyl ketone <= 0.578 lb/yr Emission estimates are based upon storage in an IFR tank. See MIBK CAP. [LAC 33:III.501.C.6]
- Which Months: All Year    Statistical Basis: Hourly maximum
- 30 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart K. For this tanks alternate operating scenario See GRP017, LAC 33:III.2103 and GRP018 for the list of applicable requirements. [LAC 33:III.501.C.6]
- 31 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 32 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]
- 33 The fixed roof storage tank shall meet the requirements of LAC 33:III.2103 for internal floating roof tanks for storage of Methyl Isobutyl Ketone(MIBK). See GRP017 (LAC 33:III.2103 Requirements) and SEE GRP015, MIBK CAP. [LAC 33:III.501.C.6]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT004    10-1 - Tank 10-1

34 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

### EQT005    12-1 - Tank 12-1

35 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]  
36 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]

37 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart Ka. For this tanks alternate operating scenario See GRP017 (LAC 33:III.2103 Requirements) and GRP019 40 CFR 60 (Subpart Ka Requirements), for the list of applicable requirements. [LAC 33:III.501.C.6]

38 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof(IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]

39 The fixed roof storage tank shall meet the requirements of LAC 33:III.2103 for internal floating roof tanks for storage of Methyl Isobutyl Ketone (MIBK). See GRP017(LAC 33:III.2103 Requirements) and SEE GRP015, MIBK CAP. [LAC 33:III.501.C.6]

40 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]

41 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT006    12-2 - Tank 12-2

42 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]  
43 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]

44 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart Ka. For this tanks alternate operating scenario See GRP017 (LAC 33:III.2103 Requirements) and GRP019 40 CFR 60 (Subpart Ka Requirements), for the list of applicable requirements. [LAC 33:III.501.C.6]

45 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof(IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]

46 The fixed roof storage tank shall meet the requirements of LAC 33:III.2103 for internal floating roof tanks for storage of Methyl Isobutyl Ketone (MIBK). See GRP017(LAC 33:III.2103 Requirements) and SEE GRP015, MIBK CAP. [LAC 33:III.501.C.6]

47 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]

48 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT007    12-3 - Tank 12-3

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### EQT007      12-3 - Tank 12-3

- 49 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:II.2103.1.6]
- 50 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 51 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart Ka. For this tanks alternate operating scenario See GRP017 (LAC 33:III.2103 Requirements) and GRP019 40 CFR 60 (Subpart Ka Requirements), for the list of applicable requirements. [LAC 33:III.501.C.6]
- 52 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]
- 53 The fixed roof storage tank shall meet the requirements of LAC 33:III.2103 for internal floating roof tanks for storage of Methyl Isobutyl Ketone (MIBK). See GRP017(LAC 33:III.2103 Requirements) and SEE GRP015, MIBK CAP. [LAC 33:III.501.C.6]
- 54 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 55 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115(a)(d). Subpart Ka. [40 CFR 60.115a]

### EQT008      12-4 - Tank 12-4

- 56 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:II.2103.1.6]
- 57 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 58 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart Ka. For this tanks alternate operating scenario See GRP017 (LAC 33:III.2103 Requirements) and GRP019 40 CFR 60 (Subpart Ka Requirements), for the list of applicable requirements. [LAC 33:III.501.C.6]
- 59 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]
- 60 The fixed roof storage tank shall meet the requirements of LAC 33:III.2103 for internal floating roof tanks for storage of Methyl Isobutyl Ketone (MIBK). See GRP017(LAC 33:III.2103 Requirements) and SEE GRP015, MIBK CAP. [LAC 33:III.501.C.6]
- 61 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 62 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115(a)(d). Subpart Ka. [40 CFR 60.115a]

### EQT009      15-1 - Tank 15-1

- 63 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:II.2103.1.6]
- 64 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT009    15-1 - Tank 15-1

65 Methyl isobutyl ketone <= 0.528 lb/yr Emission estimates are based upon storage in an IFR tank. See MIBK CAP. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: Hourly maximum

66 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart K. For this tanks alternate operating scenario See GRP017, LAC 33:III.2103 and GRP018 for the list of applicable requirements. [LAC 33:III.501.C.6]

67 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]

68 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]

69 The fixed roof storage tank shall meet the requirements of LAC 33:III.2103 for internal floating roof tanks for storage of Methyl Isobutyl Ketone (MIBK). See GRP017 (LAC 33:III.2103 Requirements) and SEE GRP015, MIBK CAP. [LAC 33:III.501.C.6]

70 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

### EQT010    15-2 - Tank 15-2

71 Equip with a submerged fill pipe. [LAC 33:III.2103.B]

72 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]

73 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]

74 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]

75 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

76 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

77 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]

78 Methyl isobutyl ketone <= 0.528 lb/yr. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: Hourly maximum

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT010 15-2 - Tank 15-2

- 79 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off of the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]
- 80 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT011 150-1F - Tank 150-1F

- 81 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]
- 82 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 83 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 0.75 psia, at storage conditions. To store organic compounds having a maximum true >= 0.75 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart Kb. The facility shall comply with the more stringent regulation, which is 40 CFR 60 Subpart Kb. For this tanks alternate operating scenario See GRP020 40 CFR 60 (Subpart Kb Requirements) and GRP017 (LAC 33:III.2103), for the list of applicable requirements. [LAC 33:III.501.C.6]
- 84 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 85 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]
- 86 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]
- 87 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 88 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 0.75 psia, at storage conditions. To store organic compounds having a maximum true >= 0.75 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart Kb. The facility shall comply with the more stringent regulation, which is 40 CFR 60 Subpart Kb. For this tanks alternate operating scenario See GRP020 40 CFR 60 (Subpart Kb Requirements) and GRP017 (LAC 33:III.2103), for the list of applicable requirements. [LAC 33:III.501.C.6]
- 89 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 90 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT013 2-80 - 700 HP Cleaver-Brooks Boiler

- 91 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
- Which Months: All Year Statistical Basis: None specified
- 92 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
- Which Months: All Year Statistical Basis: None specified
- 93 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 94 Existing large and limited use gaseous fuel units or reconstructed small liquid fuel units that burn only gaseous fuels or distillate oil are subject to only the initial notification requirements in 63.9(b) (i.e., they are not subject to the emission limits, work practice standards, performance testing, monitoring, SSMP, site-specific monitoring plans, recordkeeping and reporting requirements of this subpart or any other requirements in subpart A of this part). Subpart DDDDD. [40 CFR 63.7506(b)]

### EQT014 20-1 - Tank 20-1

- 95 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 96 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]
- 97 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 98 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 99 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 100 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.J]
- 101 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]

### EQT015 25-1 - Tank 25-1

- 102 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]
- 103 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 104 Methyl isobutyl ketone <= 0.380 lb/yr Emission estimates are based upon storage in an IFR tank. See MIBK CAP. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Hourly maximum
- 105 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true > 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart K. For this tanks alternate operating scenario See GRP017, LAC 33:III.2103 and GRP018 for the list of applicable requirements. [LAC 33:III.501.C.6]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT015      25-1 - Tank 25-1

- 106 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 107 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]
- 108 The storage tank shall meet the requirements of LAC 33:III.2103 for internal floating roof tanks for storage of Methyl Isobutyl Ketone (MIBK). See GRP017, LAC 33:III.2103, and SEE GRP015, MIBK CAP. [LAC 33:III.501.C.6]
- 109 n-Hexane <= 0.539 lb/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Hourly maximum
- 110 Methyl ethyl ketone <= 0.488 lb/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Hourly maximum
- 111 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

### EQT016      25-2 - Tank 25-2

- 112 VOC storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]
- 113 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 114 Methyl isobutyl ketone <= 0.380 lb/yr Emission estimates are based upon storage in an IFR tank. See MIBK CAP. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Hourly maximum
- 115 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart K. For this tanks alternate operating scenario See GRP017, LAC 33:III.2103 and GRP018 for the list of applicable requirements. [LAC 33:III.501.C.6]
- 116 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 117 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]
- 118 The storage tank shall meet the requirements of LAC 33:III.2103 for internal floating roof tanks for storage of Methyl Isobutyl Ketone (MIBK). See GRP017, LAC 33:III.2103, and SEE GRP015, MIBK CAP. [LAC 33:III.501.C.6]
- 119 n-Hexane <= 0.539 lb/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Hourly maximum
- 120 Methyl ethyl ketone <= 0.488 lb/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Hourly maximum
- 121 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT017      35-1 - Tank 35-1

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT017      35-1 - Tank 35-1

- 122 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.1.F]
- 123 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 124 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true  $\geq$  1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B. For this tanks alternate operating scenario See GRP017, LAC 33:III.2103 for the list of applicable requirements. [LAC 33:III.501.C.6]
- 125 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 126 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR), the IFR installation, or start up. [LAC 33:III.501.C.6]

### EQT018      55-1 - Tank 55-1

- 127 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.1.F]
- 128 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 129 Cumene  $\leq$  34.095 lb/yr. [LAC 33:III.501.C.6]  
Which Month: All Year Statistical Basis: Hourly maximum
- 130 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true  $\geq$  1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart K. For this tanks alternate operating scenario See GRP017, LAC 33:III.2103 and GRP018 for the list of applicable requirements. [LAC 33:III.501.C.6]
- 131 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 132 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]
- 133 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

### EQT019      55-10 - Tank 55-10

- 134 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 135 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]
- 136 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]

## SPECIFIC REQUIREMENTS

AJ ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### EQT019      55-10 - Tank 55-10

- 137 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 138 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 139 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

- 140 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 141 Cumene <= 34.095 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Hourly maximum

- 142 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports), except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]

- 143 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT020      55-11 - Tank 55-11

- 144 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 145 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]  
146 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 147 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 148 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 149 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]
- 150 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 151 Cumene <= 34.095 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Hourly maximum

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT020 55-11 - Tank 55-11

- 152 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]
- 153 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115(a)(d). Subpart Ka. [40 CFR 60.115a]

### EQT021 55-13 - Tank 55-13

- 154 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 155 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]
- 156 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 157 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 158 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 159 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]
- 160 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 161 Cumene <= 34.095 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Hourly maximum
- 162 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]
- 163 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115(a)(d). Subpart Ka. [40 CFR 60.115a]

### EQT022 55-2 - Tank 55-2

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT022    55-2 - Tank 55-2

- 164 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]  
165 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]  
166 Cumene <= 34.095 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year   Statistical Basis: Hourly maximum  
167 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart K. For this tanks alternate operating scenario See GRP017, LAC 33:III.2103 and GRP018 for the list of applicable requirements. [LAC 33:III.501.C.6]  
168 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]  
169 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]  
170 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

### EQT023    55-3 - Tank 55-3

- 171 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]  
172 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]  
173 Cumene <= 34.095 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year   Statistical Basis: Hourly maximum  
174 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart K. For this tanks alternate operating scenario See GRP017, LAC 33:III.2103 and GRP018 for the list of applicable requirements. [LAC 33:III.501.C.6]  
175 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]  
176 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]  
177 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

### EQT024    55-4 - Tank 55-4

- 178 Equip with a submerged fill pipe. [LAC 33:III.2103.B]  
179 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT024 55-4 - Tank 55-4

- 180 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 181 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C.]
- 182 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3.]
- 183 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I.]
- 184 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 185 Cumene <= 34.095 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Hourly maximum
- 186 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]
- 187 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT025 55-5 - Tank 55-5

- 188 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 189 Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. [LAC 33:III.2103.C.1.b]
- 190 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 191 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C.]
- 192 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3.]
- 193 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I.]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT025      55-5 - Tank 55-5

- 194 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 195 Cumene <= 34.095 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year    Statistical Basis: Hourly maximum
- 196 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(2)]
- 197 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT026      55-6 - Tank 55-6

- 198 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 199 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]
- 200 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 201 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 202 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3-a-e. [LAC 33:III.2103.H.3]
- 203 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]
- 204 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2103.I]
- 205 Cumene <= 34.095 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year    Statistical Basis: Hourly maximum
- 206 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(2)]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT026 55-6 - Tank 55-6

207 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115(a). Subpart Ka. [40 CFR 60.115a]

### EQT027 55-7 - Tank 55-7

- 208 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 209 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]
- 210 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 211 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 212 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 213 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.1.1 - 7, as applicable. [LAC 33:III.2103.1]
- 214 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111.]
- 215 Cumene <= 34.095 lb/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Hourly maximum

- 216 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off of the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]
- 217 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115(a). Subpart Ka. [40 CFR 60.115a]

### EQT028 55-8 - Tank 55-8

- 218 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 219 Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. [LAC 33:III.2103.C.1.b]
- 220 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT028 55-8 - Tank 55-8

- 221 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 222 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3.]
- 223 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I.]
- 224 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:II.2111]
- 225 Cumene <= 34.095 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Hourly maximum
- 226 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]
- 227 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT029 55-9 - Tank 55-9

- 228 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 229 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]  
230 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 231 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 232 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3.]
- 233 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I.]
- 234 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 235 Cumene <= 34.095 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Hourly maximum

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT029 55-9 - Tank 55-9

- 236 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]
- 237 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT030 80-1 - Tank 80-1

- 238 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]
- 239 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 240 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart K. For this tanks alternate operating scenario See GRP017, LAC 33:III.2103 and GRP018 for the list of applicable requirements. [LAC 33:III.501.C.6]
- 241 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 242 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]
- 243 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

### EQT032 80-2 - Tank 80-2

- 244 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 245 Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. [LAC 33:III.2103.C.1.b]
- 246 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 247 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 248 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT032      80-2 - Tank 80-2

- 249 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I.]
- 250 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 251 Equip with a floating roof, a vapor recovery system, or their equivalents. Subpart K. [40 CFR 60.112(a)(1)]
- 252 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

### EQT033      80-3 - Tank 80-3

- 253 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.1.6]
- 254 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 255 Xylene (mixed isomers) <= 58.662 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Hourly maximum
- 256 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart Ka. For this tanks alternate operating scenario See GRP017, LAC 33:III.2103 and GRP019 for the list of applicable requirements. [LAC 33:III.501.C.6]
- 257 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 258 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR), the IFR installation, or start up. [LAC 33:III.501.C.6]
- 259 Styrene <= 44.904 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Hourly maximum
- 260 Toluene <= 0.351 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Hourly maximum
- 261 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115(a)(d). Subpart Ka. [40 CFR 60.115a]

### EQT034      80-4 - Tank 80-4

- 262 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.1.6]
- 263 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 264 Xylene (mixed isomers) <= 58.662 lb/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Hourly maximum
- 265 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart Ka. For this tanks alternate operating scenario See GRP017, LAC 33:III.2103 and GRP019 for the list of applicable requirements. [LAC 33:III.501.C.6]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT034 80-4 - Tank 80-4

- 266 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 267 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]
- 268 Toluene <= 0.351 lb/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Hourly maximum
- 269 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT035 80-5 - Tank 80-5

- 270 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]
- 271 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 272 Xylene (mixed isomers) <= 58.662 lb/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Hourly maximum
- 273 This fixed roof storage tank stores organic compounds having a maximum true vapor pressure < 1.5 psia, at storage conditions. To store organic compounds having a maximum true >= 1.5 psia and less than 11.1 psia, at storage conditions, the tank must comply with LAC 33:III.2103.B and 40 CFR 60 Subpart Ka. For this tanks alternate operating scenario See GRP017, LAC 33:III.2103 and GRP019 for the list of applicable requirements. [LAC 33:III.501.C.6]
- 274 Submit Administrative Amendment: Due to the Office of Environmental Services, Air Permits Division prior to installation of an internal floating roof (IFR). [LAC 33:III.501.C.6]
- 275 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division prior to the installation of an internal floating roof (IFR). Submit notification of the IFR installation to allow DEQ the opportunity to have an observer present during the tank cleaning and preparation for the installation of the IFR, the IFR installation, or start up. [LAC 33:III.501.C.6]
- 276 Styrene <= 44.904 lb/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Hourly maximum
- 277 Toluene <= 0.351 lb/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Hourly maximum
- 278 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT036 80-6 - Tank 80-6

- 279 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 280 Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. [LAC 33:III.2103.C.1.b]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT036      80-6 - Tank 80-6

- 281 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 282 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 283 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 284 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.J]
- 285 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 286 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Equip each opening in the cover except for automatic bleeder vents and the rim space vents to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off of the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]
- 287 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT037      80-7 - Tank 80-7

- 288 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 289 Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. [LAC 33:III.2103.C.1.b]
- 290 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 291 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 292 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 293 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.J]
- 294 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### EQT037 80-7 - Tank 80-7

- 295 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]
- 296 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT038 80-8 - Tank 80-8

- 297 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 298 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]
- 299 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 300 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 301 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 302 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.H.3 - 7, as applicable. [LAC 33:III.2103.H.3]
- 303 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 304 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]
- 305 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

### EQT039 80-9 - Tank 80-9

- 306 Equip with a submerged fill pipe. [LAC 33:III.2103.B]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT039      80-9 - Tank 80-9

- 307 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]
- 308 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 309 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 310 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 311 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]
- 312 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 313 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off of the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]
- 314 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115(a)(d). Subpart Ka. [40 CFR 60.115a]

### EQT040      DOCK RACK - Marine Dock Area

- 315 Equip with a vapor collection system designed to collect the organic compounds vapors displaced from ships and/or barges during loading. [LAC 33:III.2108.C.1]
- 316 VOC, Total  $\geq$  90 % reduction by weight by collecting and processing the vapors with a recovery and/or destruction system. [LAC 33:III.2108.C.2]  
Which Months: All Year Statistical Basis: None specified
- 317 Barge loading of crude oil or other VOCs: Total Organic Compounds (TOC)  $\leq$  30 mg/l of VOC loaded (0.25 lb/1000 gal). [LAC 33:III.2108.C.3.b]  
Which Months: All Year Statistical Basis: None specified
- 318 Ship loading of crude oil or other VOCs: Total Organic Compounds (TOC)  $\leq$  12 mg/l of VOC loaded (0.1 lb/1000 gal). [LAC 33:III.2108.C.3.d]  
Which Months: All Year Statistical Basis: None specified
- 319 Load only into ships and/or barges equipped with vapor collection equipment that is compatible with the affected facility's vapor collection system. [LAC 33:III.2108.C.5]
- 320 Properly connect the vapor collection and disposal system to the ships and/or barges before any loading is done. [LAC 33:III.2108.C.6]
- 321 Comply with the requirements of LAC 33:III.2108 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2108 as a result of a revision of LAC 33:III.2108. [LAC 33:III.2108.D.4]
- 322 Determine compliance with LAC 33:III.2108.C.3 using the methods in LAC 33:III.2108.E.1-5, as appropriate. [LAC 33:III.2108.E]
- 323 Submit test results: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 45 days of any testing done in accordance with LAC 33:III.2108.E. [LAC 33:III.2108.F.1]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### **EQT040 DOCK RACK - Marine Dock Area**

- 324 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2108.F.2.a-e, as applicable. [LAC 33:III.2108.F.2]
- 325 Loading gasoline, crude oil or other VOCs into ships or barges is prohibited unless all loading and vapor lines, arms and hoses are equipped with fittings which make vapor-tight connections and provide tight shutoff when disconnected. [LAC 33:III.2108.G.1]
- 326 Prevent spills or leaks during attachment or disconnection of filling lines, hoses or arms. Do not spill liquids or handle in any other manner that would result in evaporation to the atmosphere. [LAC 33:III.2108.G.2]
- 327 Maintain all equipment associated with the loading of gasoline, crude oil or other VOC into ships or barges to be leak-free, gas-tight and in good working order. [LAC 33:III.2108.G.3]
- 328 Emissions from VOCs with a true vapor pressure < 1.5 psia at the loading temperature of the liquid are exempt from the control requirements of LAC 33:III.2108, Marine Vapor Recovery. [LAC 33:III.2108]
- 329 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]

### **EQT041 TRUCK RACK - Truck Loading Rack**

- 330 Equip with a vapor collection system consisting of, at a minimum, a vapor return line which returns all vapors displaced during loading to the VOC dispensing vessel or to a disposal system. [LAC 33:III.2107.B]
- 331 VOC, Total  $\geq$  90 % DRE, using a vapor disposal system. [LAC 33:III.2107.B]  
Which Months: All Year Statistical Basis: None specified
- 332 Prevent spills during the attachment and disconnection of filling lines or arms. Equip loading and vapor lines with fittings which close automatically when disconnected, or equip to permit residual VOC in the loading line to discharge into a collection system or disposal or recycling system. [LAC 33:III.2107.B]
- 333 VOC, Total monitored by visual, audible, and/or olfactory during loading or unloading, to detect leaks. [LAC 33:III.2107.C]  
Which Months: All Year Statistical Basis: None specified
- 334 Discontinue loading or unloading through the affected transfer lines when a leak is observed; do not resume loading or unloading until the observed leak is repaired. [LAC 33:III.2107.C]
- 335 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2107.D.1 and 2. [LAC 33:III.2107.D]
- 336 Determine compliance with LAC 33:III.2107.B using the methods in LAC 33:III.2107.E.1 through 5, as appropriate. [LAC 33:III.2107.E]
- 337 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]

### **EQT042 RAIL FL-3 - Railcar Loading Flare**

- 338 Opacity  $\leq$  20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. [LAC 33:III.1105]  
Which Months: All Year Statistical Basis: None specified
- 339 Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:1.3923. Notification is required only if the upset cannot be controlled in six hours. [LAC 33:III.1105]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT042 RAIL FL-3 - Railcar Loading Flare

- 340 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 341 Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack. [LAC 33:III.501.C.6]
- Which Months: All Year   Statistical Basis: None specified
- 342 Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf. [LAC 33:III.501.C.6]
- Which Months: All Year   Statistical Basis: None specified
- 343 Flare gas: Heat content recordkeeping by electronic or hard copy annually. [LAC 33:III.501.C.6]
- 344 Presence of a flame monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
- Which Months: All Year   Statistical Basis: None specified
- 345 Presence of a flame recordkeeping by electronic or hard copy daily. [LAC 33:III.501.C.6]
- 346 Develop a corrective action plan for re-lighting the flare. Plan must be kept readily available for immediate implementation in the event the flare needs to be re-lit. [LAC 33:III.501.C.6]
- 347 Toxic air pollutants (TAP) >= 98 % control efficiency. TAPs include n-Hexane, Methanol, Methyl Ethyl Ketone, Methyl Tertiary Butyl Ether, Vinyl Acetate. [LAC 33:III.501.C.6]
- Which Months: All Year   Statistical Basis: None specified

### EQT043 500GT - Gasoline Storage Tank

- 348 Equip with a submerged fill pipe. [LAC 33:III.2103.A]
- 349 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I.]
- 350 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 351 Maintain records to verify compliance with or exemption from LAC 33:III.2133, including, but not limited to, the information specified in LAC 33:III.2133.E.1 through E.5. Maintain records for at least 5 years. [LAC 33:III.2133.D]
- 352 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records to verify compliance with or exemption from LAC 33:III.2133, including, but not limited to, the information specified in LAC 33:III.2133.E.1 through E.5. Maintain records for at least 5 years. [LAC 33:III.2133.E]

### EQT044 RAIL RACK - Railcar Unloading/Loading Spots

- 353 Equip with a vapor collection system consisting of, at a minimum, a vapor return line which returns all vapors displaced during loading to the VOC dispensing vessel or to a disposal system. [LAC 33:III.2107.B]
- 354 VOC, Total >= 90 % DRE, using a vapor disposal system. [LAC 33:III.2107.B]
- Which Months: All Year   Statistical Basis: None specified
- 355 Prevent spills during the attachment and disconnection of filling lines or arms. Equip loading and vapor lines with fittings which close automatically when disconnected, or equip to permit residual VOC in the loading line to discharge into a collection system or disposal or recycling system. [LAC 33:III.2107.B]
- 356 VOC, Total monitored by visual, audible, and/or olfactory during loading or unloading, to detect leaks. [LAC 33:III.2107.C]
- Which Months: All Year   Statistical Basis: None specified

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT044 RAIL RACK - Railcar Unloading/Loading Spots

- 357 Discontinue loading or unloading through the affected transfer lines when a leak is observed; do not resume loading or unloading until the observed leak is repaired. [LAC 33:III.2107.C]
- 358 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2107.D.1 and 2. [LAC 33:III.2107.D]
- 359 Determine compliance with LAC 33:III.2107.B using the methods in LAC 33:III.2107.E.1 through 5, as appropriate. [LAC 33:III.2107.E]

### EQT047 110-1 - Tank 110-1

- 360 Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112(b)(1)(i)]
- 361 Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.

OR

Equip internal floating roof with two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous.

OR

Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112(b)(1)(ii)(A), (B), OR (C)]

- 362 Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112(b)(1)(ii)]

- 363 Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113(b)(a)(1)]

Which Month: All Year. Statistical Basis: None specified

- 364 Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113(b)(a)(2)]
- Which Month: All Year. Statistical Basis: None specified

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT047 110-1 - Tank 110-1

- 365 If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, request a 30-day extension from DEQ in the inspection report required in 40 CFR 60.113b(a)(3). Document in the request for extension that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. Subpart Kb. [40 CFR 60.113b(a)(2)]
- 366 Tank roof and seals monitored by visual inspection/determination once every five years as specified in 40 CFR 60.113b(a)(4). Subpart Kb. [40 CFR 60.113b(a)(3)(i)]
- Which Month: All Year Statistical Basis: None specified
- 367 Tank roof and seals monitored by visual inspection/determination annually as specified in 40 CFR 60.113b(a)(2). Subpart Kb. [40 CFR 60.113b(a)(3)(ii)]
- Which Month: All Year Statistical Basis: None specified
- 368 Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
- Which Month: All Year Statistical Basis: None specified
- 369 If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 370 Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
- 371 Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
- 372 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
- 373 Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
- 374 Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
- 375 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 376 VOL storage data recordkeeping by electronic or hard copy continuously. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### EQT048 VOC/TAP CAP - Facility-wide VOC and TAP Emissions CAP

- 377 Benzene: Throughput  $\leq$  8.925 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
- 378 Benzene: Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
- 379 Benzene: Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total Benzene loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 380 Propylene oxide: Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total Propylene oxide loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 381 Propylene oxide: Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 382 Propylene oxide: Throughput  $\leq$  4.05 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
- 383 Ethyl benzene: Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Ten-second average
- 384 Ethyl benzene: Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total Benzene loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 385 Ethyl benzene: Throughput  $\leq$  11.025 MM bbl/yr Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 386 Glycol ethers (Table 51.1): Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 387 Glycol ethers (Table 51.1): Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total Glycol ethers (Table 51.1) loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 388 Glycol ethers (Table 51.1): Throughput  $\leq$  1.845 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 389 Styrene: Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 390 Styrene: Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total Styrene loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 391 Styrene: Throughput  $\leq$  4.875 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 392 Xylene (mixed isomers): Throughput monitored by inventory records and calculations during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT048 VOC/TAP CAP - Facility-wide VOC and TAP Emissions CAP

- 393 Xylene (mixed isomers): Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total amount of Xylene loaded into storage tanks from railcars, trucks, and marine vessels upon each event, as well as the total amount of Xylene loaded into storage tanks from railcars, trucks, and marine vessels for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 394 Xylene (mixed isomers): Throughput  $\leq 5.925$  MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Xylene throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
- 395 n-butyl alcohol: Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 396 n-butyl alcohol: Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total n-butyl alcohol loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 397 n-butyl alcohol: Throughput  $\leq 3.225$  MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 398 Cumene: Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 399 Cumene: Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total Cumene loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 400 Cumene: Throughput  $\leq 4.05$  MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Cumene throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 401 Ethylene glycol: Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 402 Ethylene glycol: Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total Ethylene glycol loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 403 Ethylene glycol: Throughput  $\leq 5.67$  MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 404 n-Hexane: Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 405 n-Hexane: Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total n-Hexane loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 406 n-Hexane: Throughput  $\leq 4.05$  MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 407 Methanol: Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 408 Methanol: Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total Methanol loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER1996001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### EQT048 VOC/TAP CAP - Facility-wide VOC and TAP Emissions CAP

- 409 Methanol: Throughput <= 7.35 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 410 Methyl ethyl ketone (MEK): Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 411 Methyl ethyl ketone (MEK): Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total MEK loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 412 Methyl ethyl ketone Throughput <= 4.05 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 413 Methyl isobutyl ketone (MIBK): Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 414 Methyl isobutyl ketone (MIBK): Throughput <= 2.445 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 415 Sulfuric acid: Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 416 Sulfuric acid: Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total Sulfuric acid loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 417 Sulfuric acid: Throughput <= 4.125 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 418 Toluene: Throughput monitored by inventory records and calculations during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
- 419 Toluene Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total amount of Toluene loaded into storage tanks from railcars, trucks, and marine vessels upon each event, as well as the total amount of Toluene loaded into storage tanks from railcars, trucks, and marine vessels for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 420 Toluene: Throughput <= 13.050 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Toluene throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
- 421 Vinyl acetate: Throughput monitored by inventory records and calculations during loading. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
- 422 Vinyl acetate Throughput recordkeeping by electronic or hard copy during loading. Keep records of the total amount of Vinyl acetate loaded into storage tanks from railcars, trucks, and marine vessels upon each event, as well as the total amount of Vinyl acetate loaded into storage tanks from railcars, trucks, and marine vessels for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 423 Vinyl acetate: Throughput <= 4.05 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Vinyl acetate throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-VO  
Air - Title V Regular Permit Initial

### EQT048 VOC/TAP CAP - Facility-wide VOC and TAP Emissions CAP

- 424 Methyl isobutyl ketone (MIBK): Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total MIBK loaded each month from railcars, tank trucks, and/or marine vessels, as well as the total loaded for the last twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 425 Submit report: Due annually, by the 31st of March. Report the amount of Benzene, Propylene oxide, Ethyl benzene, Glycol ethers (Table 51.1), Styrene, Xylene, n-butyl alcohol, Cumene, Ethylene glycol, n-Hexane, Methanol, Methyl ethyl ketone, Methyl isobutyl ketone, Sulfuric acid, Toluene, and Vinyl acetate loaded into storage tanks from railcars, tank trucks, and/or marine vessels for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

### GRP007 Boilers (1-80 & 2-80)

- 426 Operating time <= 8760 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the sum of the operating hours for the boilers exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 427 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total hours of operation for each boiler each month, as well as the total combined hours of operation for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 428 Operating time monitored by technically sound method continuously. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Total
- 429 Submit report: Due annually, by the 31st of March. Report the hours of operation for each boiler, as well as the combined total hours of operation for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

### GRP008 Benzene Storage

- 430 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT has been determined to be compliance with 40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants: Subpart Y - National Emission Standards for Benzene Emissions from Benzene Storage Vessels. [LAC 33:III.5109.A]
- 431 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]
- 432 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]
- 433 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]
- 434 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]
- 435 Provide emission testing facilities as specified in LAC 33:III.5113.B.4 through e. [LAC 33:III.5113.B.4]
- 436 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]
- 437 Submit certified letter: Due to the Office of Environmental Assessment, Air Quality Assessment Division, before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]
- 438 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]
- 439 Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### GRP008 Benzene Storage

- 440 Ensure that the internal floating roof is floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, ensure that the process of filling, emptying, or refilling is continuous and is accomplished as rapidly as possible. Subpart Y. [40 CFR 61.271(a)(1)]
- 441 Equip internal floating roof with one of the closure devices listed in 40 CFR 61.271(a)(2)(i) through (a)(2)(iii) between the wall of the storage vessel and the edge of the internal floating roof. Subpart Y. [40 CFR 61.271(a)(2)]
- 442 Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart Y. [40 CFR 61.271(a)(3)]
- 443 Ensure that each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents provides a projection below the liquid surface. Subpart Y. [40 CFR 61.271(a)(4)]
- 444 Equip each opening in the internal floating roof with a cover or lid, except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float. Subpart Y. [40 CFR 61.271(a)(5)(i)]
- 445 Ensure that each penetration of the internal floating roof for the purposes of sampling is a sample well. Ensure that each sample well has a slit fabric cover that covers at least 90 percent of the opening. Subpart Y. [40 CFR 61.271(a)(5)(ii)]
- 446 Equip each automatic bleeder vent with a gasket. Subpart Y. [40 CFR 61.271(a)(5)(iii)]
- 447 Equip rim space vents with a gasket. Subpart Y. [40 CFR 61.271(a)(5)(iv)]
- 448 Ensure that each penetration of the internal floating roof that allows for passage of a ladder has a gasketed sliding cover. Subpart Y. [40 CFR 61.271(a)(5)(v)]
- 449 Ensure that each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof has a flexible fabric sleeve seal or a gasketed sliding cover. Subpart Y. [40 CFR 61.271(a)(5)(vi)]
- 450 Ensure that each cover or lid on any opening in the internal floating roof is closed (i.e., no visible gaps), except when a device is in actual use. Bolt covers on each access hatch and each automatic gauge float well when they are not in use, if equipped with bolts. Set rim space vents to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Subpart Y. [40 CFR 61.271(a)(6)]
- 451 Equip with a fixed roof and an internal floating roof. Subpart Y. [40 CFR 61.271(a)]
- 452 Tank roof and seals monitored by visual inspection/determination once prior to filling the storage vessel with benzene. If there are holes, tears or other openings in the primary seal, the secondary seal, or the seal fabric, or defects in the internal floating roof, repair the items before filling. Subpart Y. [40 CFR 61.272(a)(1)]  
Which Months: All Year Statistical Basis: None Specified
- 453 Tank roof and seals monitored by visual inspection/determination annually after initial fill through manholes and roof hatches, except as provided in 40 CFR 61.272(a)(4)(i). If the internal floating roof is not resting on the surface of the benzene liquid inside the storage vessel, or there is liquid on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days. Subpart Y. [40 CFR 61.272(a)(2)]
- 454 Notify DEQ in writing at least 30 days prior to filling or refilling to afford DEQ the opportunity to have an observer present. If the inspection is not planned and could not have known about 30 days in advance of refilling the vessel, notify DEQ at least 7 days prior to refilling. Make notification by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Y. [40 CFR 61.272(a)(3)(i)]
- 455 If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of these conditions exist before refilling the storage vessel with benzene. Subpart Y. [40 CFR 61.272(a)(3)(ii)]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### GRP008 Benzene Storage

456 Tank roof and seals monitored by visual inspection/determination once each time the storage vessel is emptied and degassed. Ensure that inspections occur at intervals less than 10 years in the case of vessels conducting the annual visual inspections as specified in 40 CFR 61.272(a)(2) and at intervals less than 5 years in the case of vessels specified in 40 CFR 61.272(a)(4)(i). Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any). Subpart Y. [40 CFR 61.272(a)(3)]

Which Months: All Year Statistical Basis: None specified

457 Tank roof and seals monitored by visual inspection/determination annually and at least every 10 years as specified in 40 CFR 61.272(a)(2). Subpart Y. [40 CFR 61.272(a)(4)(ii)]

Which Months: All Year Statistical Basis: None specified

458 Submit supplemental periodic report. Due within 15 days of storage vessel repair, if an extension is requested in an annual periodic report in accordance with 40 CFR

61.272(a)(2). Identify the vessel and describe the date the storage vessel was emptied and the nature of and date the repair was made. Subpart Y. [40 CFR 61.275(a)(3)]

459 Submit report: Due annually within 60 days of inspection. Describe the results of each inspection conducted in accordance with 40 CFR 61.272(a). Include the information specified in 40 CFR 61.275(a)(1) and (a)(2). Subpart Y. [40 CFR 61.275(a)]

460 Submit report: Due within 60 days of conducting each inspection required by 40 CFR 61.272(a)(3) or (a)(4). Describe the results of each inspection conducted. Identify each storage vessel in which the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal (if one has been installed) has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area. Also describe the nature of the defect, the date the storage vessel was emptied, and the nature of and date the repair was made. Subpart Y. [40 CFR 61.275(b)]

461 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in 40 CFR 61.276(b) and (c). Subpart Y. [40 CFR 61.276]

### GRP009 Entire Facility

462 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]

463 Outdoor burning of waste material or other combustible material is prohibited. [LAC 33:III.1109.B]

464 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]

465 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]

466 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]

467 Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited. [LAC 33:III.2901.D]

468 If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G. [LAC 33:III.2901.F]

469 Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HR VOC), which include 1,3-Butadiene, Butene, cis-2-Butene, Ethylene, Propylene, Toluene, Xylene, m/p-Xylene, α-Xylene. [LAC 33:III.501.C.6]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### GRP009      Entire Facility

470 Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit. [LAC 33:III.501.C.6]

- 471 Benzene <= 23.40 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 472 Ethyl benzene <= 180.50 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 473 Carbon monoxide <= 61.26 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 474 Cumene <= 37.79 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 475 Ethylene glycol <= 10.78 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 476 Nitrogen oxides <= 18.91 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 477 Methanol <= 16.60 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 478 Methyl ethyl ketone <= 19.07 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 479 Particulate matter (10 microns or less) <= 1.31 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 480 Methyl isobutyl ketone <= 14.84 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 481 n-butyl alcohol <= 18.96 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 482 Sulfur dioxide <= 0.09 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 483 n-Hexane <= 18.96 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 484 Propylene oxide <= 79.57 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 485 Sulfuric acid <= 0.91 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 486 Toluene <= 36.89 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 487 VOC, Total <= 290.70 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 488 Glycol ethers (Table 51.) <= 19.77 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### GRP009      Entire Facility

- 489 Xylene (mixed isomers) <= 96.91 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 490 Vinyl acetate <= 17.27 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 491 Benzyl chloride <= 45.50 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 492 Glycol ethers (Table 51.3) <= 19.71 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 493 Dimethyl formamide <= 19.56 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 494 Methyl Tertiary Butyl Ether <= 13.90 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 495 Styrene <= 56.27 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: Annual maximum
- 496 Do not construct or modify any stationary source subject to any standard set forth in LAC 33:II. Chapter 51. Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:II. Chapter 51. Subchapter A, after the effective date of the standard. [LAC 33:III.5105.A.1]
- 497 Do not cause a violation of any ambient air standard listed in LAC 33:II. Table 51.2, unless operating in accordance with LAC 33:III.5109. [LAC 33:III.5105.A.2]
- 498 Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard. [LAC 33:III.5105.A.3]
- 499 Do not fail to keep records, notify, report or revise reports as required under LAC 33:II. Chapter 51. Subchapter A. [LAC 33:III.5105.A.4]
- 500 Submit Annual Emissions Report (TEDI): Due annually, by the 1st of July, to the Office of Environmental Assessment, Air Quality Assessment Division, in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3. [LAC 33:III.5107.A.2]
- 501 Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:II.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations" [LAC 33:III.5107.A.3]
- 502 Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property). [LAC 33:III.5107.B.1]
- 503 Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:III.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.3923. [LAC 33:III.5107.B.2]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-Y0  
Air - Title V Regular Permit Initial

### GRP009      **Entire Facility**

- 504 Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services, SPOC, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:I.3923. [LAC 33:III.5107.B.3]
- 505 Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a through viii. [LAC 33:III.5107.B.4]
- 506 Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge. [LAC 33:III.5107.B.5]
- 507 Submit to DEQ a compliance plan for achieving compliance with MACT requirements in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. Compliance plan, CC92018, dated February 7, 1995, was approved on the basis of information supplied in the original Air Toxics Compliance Plan submitted on December 17, 1992 and additional information received on December 17, 1993, August 9, 1993, November 23, 1993, December 17, 1993, June 16, 1994, June 17, 1994, July 8, 1994, October 5, 1994, November 14, 1994, and December 22, 1994. [LAC 33:III.5109.A.1]
- 508 Submit to DEQ a certification of compliance with all MACT requirements, in accordance with LAC 33:III.5109.D. Include the elements listed in LAC 33:III.5109.E. Air Toxics Compliance Plan No. CC92018 was approved for LBC's bulk liquid storage and handling operations on 02/07/1995. [LAC 33:III.5109.A.2]
- 509 Submit to DEQ a compliance plan for achieving compliance with the ambient air standard(s), in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. Compliance plan, CC92018, dated February 7, 1995, and March 2006 dispersion air modeling established compliance with the ambient air standards for toxic air pollutants (Benzene, Propylene Oxide, n-Butyl Alcohol, Ethyl Benzene, Ethylene Glycol, Glycol Ethers (51.1), n-Hexane, Methanol, Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Styrene, Sulfuric Acid, Toluene, Vinyl Acetate, and Xylene). [LAC 33:III.5109.B.1]
- 510 Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112. Table 51.2. LBC established compliance with the ambient air standards for benzene and propylene oxide, in the Air Toxics Compliance Plan, approved 02/07/1995. Compliance with ambient air standards for other toxic air pollutants (n-Butyl Alcohol, Ethyl Benzene, Ethylene Glycol, Glycol Ethers (51.1), n-Hexane, Methanol, Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Styrene, Sulfuric Acid, Toluene, Vinyl Acetate, and Xylene) was established through dispersion air modeling of Sulfuric Acid, using Ambient Air Ranking, dated March 2006. [LAC 33:III.5109.B]
- 511 Develop a standard operating procedure (SOP), for storage and handling of Propylene oxide, within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department. [LAC 33:III.5109.C]
- 512 Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:I.1701, before commencement of the construction of any new source. [LAC 33:III.5111.A.1]
- 513 Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source. [LAC 33:III.5111.A.2.a]
- 514 Obtain written authorization from DEQ before commencement of any modification specified in a compliance plan submitted pursuant to LAC 33:III.5109. [LAC 33:III.5111.A.3]
- 515 Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified. [LAC 33:III.5111.A]
- 516 Submit notification in writing: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, SPOC, not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up. [LAC 33:III.5113.A.1]
- 517 Submit notification in writing: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, SPOC, within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source. [LAC 33:III.5113.A.2]
- 518 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel [LAC 33:III.5113.B.1]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

<b>GRP009</b>	<b>Entire Facility</b>	
519	Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]	
520	Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]	
521	Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]	
522	Submit certified letter: Due to the Office of Environmental Assessment, Air Quality Assessment Division, before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]	
523	Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]	
524	Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, at least 30 days before the emission test, to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]	Submit notification of emission
525	Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]	
526	Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]	
527	Submit performance evaluation report: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 60 days of the monitoring system performance evaluation. [LAC 33:III.5113.C.2]	
528	Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin. [LAC 33:III.5113.C.2]	
529	Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems. [LAC 33:III.5113.C.3]	
530	Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B. [LAC 33:III.5113.C.5.a]	
531	Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days. [LAC 33:III.5113.C.5.a]	
532	Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS. [LAC 33:III.5113.C.5.d]	
533	Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS. [LAC 33:III.5113.C.5.e]	
534	Submit plan: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system. [LAC 33:III.5113.C.5]	
535	Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ. [LAC 33:III.5113.C.7]	
536	Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert. [LAC 33:III.5609.A.1.b]	
537	Activate the preplanned strategy listed in LAC 33:III.5611. Table 6 when the administrative authority declares an Air Pollution Warning. [LAC 33:III.5609.A.2.b]	
538	Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 7 when the administrative authority declares an Air Pollution Emergency. [LAC 33:III.5609.A.3.b]	

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### GRP009      **Entire Facility**

- 539 Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7. [LAC 33:III.5609, A]
- 540 Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.. [LAC 33:III.5901.A]
- 541 Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur. [LAC 33:III.5907]
- 542 Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division. [LAC 33:III.5911.A]
- 543 Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded. [LAC 33:II.905.A]
- 544 Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded. [LAC 33:III.905]
- 545 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A.D. [LAC 33:III.919.D]
- 546 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. [40 CFR 60]
- 547 All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A. [40 CFR 61]
- 548 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart EEEE - National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline) no later than the compliance date, February 5, 2007, except as provided in paragraph (b)(2) of section 63.2342; which states that floating roof storage tanks at existing affected sources must be in compliance with the work practice standards in Table 4 to Subpart EEEE, item 1, at all times after the next degassing and cleaning activity or within 10 years after February 3, 2004, whichever occurs first. If the first degassing and cleaning activity occurs during the 3 years following February 3, 2004, the compliance date is February 5, 2007. [40 CFR 63]
- 549 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A. [40 CFR 63]
- 550 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 551 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 552 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
- 553 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

### GRP010      **Loading Area Flares**

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air • Title V Regular Permit Initial

### **GRP010 Loading Area Flares**

- 554 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT). MACT has been determined to be utilization of a flare which meets 98% destruction efficiency (40 CFR 61 Subpart BB). Refer to GRP016 Benzene Loading and Fugitives for the details on Subpart BB requirements for the flares. [LAC 33:III.5109.A]
- 555 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]
- 556 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]
- 557 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]
- 558 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]
- 559 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]
- 560 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]
- 561 Submit certified letter: Due to the Office of Environmental Assessment, Air Quality Assessment Division, before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]
- 562 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]
- 563 Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]
- 564 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]
- 565 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]
- 566 Comply with 40 CFR 61.302(c) by complying with 40 CFR 60.18(b) through (f). [40 CFR 61.302(c)]

### **GRP011 Internal Floating Roof Tanks**

- 567 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 568 Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
- OR
- Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
- OR
- Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.a, b, or c]
- 569 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### GRP011 Internal Floating Roof Tanks

- 570 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 571 Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.E]
- 572 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3 a-e. [LAC 33:III.2103.H.3]
- 573 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I.]
- 574 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is compliance with Part 60 - Standards of Performance for New Stationary Sources Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels for tanks storing VOLs which contain Class I and/or Class II Toxic Air Pollutants (TAPS) having a maximum vapor pressure  $\geq 1.5$  psia. Benzene and Propylene Oxide are the only compounds handled at the facility that qualify. [LAC 33:III.5109.A]
- 575 Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded. [LAC 33:III.905]

### GRP012 Fixed Roof Storage Tanks

- 576 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the installation of an internal floating roof. Submit notification of IFR installation to allow DEQ the opportunity to have an observer present during the installation or start up. [LAC 33:III.501.C.6]

### GRP013 Propylene Oxide Storage

- 577 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT has been determined to be compliance with 40 CFR 60 Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels, when storing Propylene Oxide. [LAC 33:III.5109.A]
- 578 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]
- 579 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]
- 580 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]
- 581 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]
- 582 Provide emission testing facilities as specified in LAC 33:III.5113.B.4 through e. [LAC 33:III.5113.B.4]
- 583 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]
- 584 Submit certified letter: Due to the Office of Environmental Assessment, Air Quality Assessment Division, before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]
- 585 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### GRP013 Propylene Oxide Storage

586 Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, at least 30 days before the emission test: Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

### GRP014 Fugitive Emissions of VHAPS

587 Identify each piece of equipment in a process unit subject to this MACT determination such that it can be distinguished readily from equipment that is not subject to this MACT determination, as specified in Subsection C.3 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

588 VOC, Total monitored by technically sound method within 90 days of placing equipment back in service that had been physically removed from service, disassembled or dismantled to determine if it is leaking, as specified in Subsection C.5 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

589 VOC, Total recordkeeping by logbook within 90 days of placing equipment back in service that had been physically removed from service, disassembled or dismantled. Maintain records as required in Subsection Q.5, as specified in Subsection C.5 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

590 Pumps in light liquid service: VOC, Total monitored by the regulations specified method(s) quarterly. Monitor to detect leaks using the methods specified in Subsection P.2, except as provided in Subsection C.4 and Subsections D.4, D.5, and D.6, as specified in Paragraph D.1.a of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). If an instrument reading of 2000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions as specified in Subsection D.3. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

591 Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar), as specified in Paragraph D.1.b of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). If there are indications of liquids dripping from the pump seal, monitor within 5 days by the methods specified in Subsection P.2. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

592 Pumps in light liquid service: Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection D.3 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Make a first attempt at repair no later than 5 calendar days after each leak is detected. [LAC 33:III.5109.A]

593 Pumps in light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure, or equip with a barrier fluid degassing reservoir that is connected by a closed-vent system to a control device that complies with the requirements of Section N, or equip with a system that purges the barrier fluid into a process stream with zero VOTAP emissions to the atmosphere, as specified in Paragraph D.4.a of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Comply with this requirement instead of the requirements in Subsection D.1. [LAC 33:III.5109.A]

594 Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in VOTAP service and, if the pump is covered by standards under NSPS, is not in VOC service, as specified in Paragraph D.4.b of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Comply with this requirement instead of the requirements in Subsection D.1. [LAC 33:III.5109.A]

595 Pumps in light liquid service (dual mechanical seal system): Equip each barrier fluid system with a sensor that will detect failure of the seal system, the barrier fluid system, or both, as specified in Paragraph D.4.c of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Comply with this requirement instead of the requirements in Subsection D.1. [LAC 33:III.5109.A]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### GRP014 Fugitive Emissions of VHAPS

596 Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar), as specified in Paragraph D.4.d of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate repair provisions specified in Paragraphs D.3.a and D.3.b. Comply with this requirement instead of the requirements in Subsection D.1. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

597 Pumps in light liquid service (dual mechanical seal system): Equipment/operational data monitored by visual inspection/determination daily. Check sensor daily or equip with an audible alarm, as specified in Subparagraph D.4.e.i of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined in Paragraph D.4.e.ii, a leak is detected. If a leak is detected, initiate repair provisions specified in Paragraphs D.3.a and D.3.b. Comply with this requirement instead of the requirements in Subsection D.1. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

598 Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both, as specified in Subparagraph D.4.e.ii of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Comply with this requirement instead of the requirements in Subsection D.1. [LAC 33:III.5109.A]

599 Pumps in light liquid service: Equip with a closed-vent system capable of capturing and transporting any leakage from the seal or seals to a control device that complies with the requirements of Section N, as specified in Paragraph D.5 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Alternative to Subsections D.1 through D.4. [LAC 33:III.5109.A]

600 Pumps in light liquid service (unmanned plant site): Presence of a leak monitored by visual inspection/determination at the regulation's specified frequency, as specified in Subparagraph D.6 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Monitor pump as often as practicable and at least monthly. Comply with this requirement instead of the weekly visual inspection requirements in Paragraphs D.1.b and D.4.d, and the daily requirements in Paragraph D.4.e.i. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

601 Compressors (seal system): VOC, Total monitored by the regulation's specified method(s) quarterly, as specified in Subsection E.1 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Monitor to detect leaks using the methods specified in Section P. If an instrument reading of 5000 ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection E.8. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

602 Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided for in Subsections C.4, E.9 and E.10, as specified in Subsection E.2 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

603 Compressors (seal system): Operate with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure, or equip with a barrier fluid system that is connected by a closed-vent system to a control device that complies with the requirements of Section N, or equip with a system that purges the barrier fluid into a process stream with zero VOTAP emission to the atmosphere, as specified in Subsection E.3 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

604 Compressors: Ensure that the barrier fluid is not in VOTAP service and, if the compressor is covered by a standard under NSPS, is not in VOC service, as specified in Subsection E.4 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

605 Compressors: Equip each barrier fluid system as described in Subsections E.2 through E.4 with a sensor that will detect failure of the seal system, the barrier fluid system, or both, as specified in Subsection E.5 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air • Title V Regular Permit Initial

### GRP014 Fugitive Emissions of VHAPS

606 Compressors: Equipment/operational data monitored by technically sound method daily, as specified in Paragraph E.6.a of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Check each sensor as required in Subsection E.5 daily or equip with an audible alarm unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on criterion determined under Paragraph E.6.b, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection E.8. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

607 Compressors: Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both, as specified in Paragraph E.6.b of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]  
608 Compressors: Repair leaks as soon as practicable, but no later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection E.8 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Make a first attempt at repair no later than 5 calendar days after each leak is detected. [LAC 33:III.5109.A]

609 Compressors: Equip with a closed-vent system capable of capturing and transporting any leakage from the seal to a control device that complies with the requirements of Section N, except as provided for in Subsection E.10, as specified in Paragraph E.9 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995).

Alternative to Subsections E.1 through E.7. [LAC 33:III.5109.A]

610 Compressors (no detectable emissions): Demonstrate that the compressor is operating with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in Subsection P.3, as specified in Paragraph E.10.a of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Comply with this requirement instead of the requirements in Subsections E.2 through E.9. [LAC 33:III.5109.A]

611 Compressors (no detectable emissions): VOC, Total monitored by the regulation's specified method(s) once initially upon designation, annually, and at other times requested by DEQ, as specified in Paragraph E.10.b of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Comply with this requirement instead of the requirements in Subsections E.2 through E.9. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

612 Pressure relief device in gas/vapor service: VOC, Total < 500 ppm except during pressure releases, as measured by the method specified in Section P.3, as specified in Section F.1 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

613 Pressure relief device in gas/vapor service: After each pressure release, return to a condition of no leakage, as indicated by an instrument reading of less than 500 ppm, as soon as practicable, but no later than five calendar days after each pressure release, except as provided in Section F.2.a of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

614 Pressure relief device in gas/vapor service: VOC, Total monitored by the regulation's specified method(s) within 5 days (calendar) after the pressure release to confirm the condition of no leakage, as indicated by an instrument reading of less than 500 ppm above background, as specified in Section F.2.b of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Monitor using the method specified in Subsection P.3. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

615 Pressure relief device in gas/vapor service: Equip with a closed-vent system capable of capturing and transporting leakage from the pressure relief device to a control device as described in Section N, as specified in Section F.2.b of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Alternative to Subsections F.1 and F.2. [LAC 33:III.5109.A]

616 Sampling connection systems: Equip with a closed-purge system or closed-vent system, except as provided for in Section C, as specified in Subsection G.1 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Ensure that this system collects or captures the sample purge for return to the process. [LAC 33:III.5109.A]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### GRP014 Fugitive Emissions of VHAPS

617 Sampling connection systems (closed-purge or closed-vent system): Return the purged process fluid directly to the process line with zero VOTAP emissions to the atmosphere, or collect and recycle the purged process fluid with zero VOTAP emissions to the atmosphere, or be designed and operated to capture and transport all the purged process fluid to a control device that complies with the requirements of Section N, as specified in Subsection G.2 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

618 Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve that seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line or during maintenance and repair, as specified in Subsection H.1 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

619 Open-ended valves or lines (equipped with a second valve): Operate in a manner such that the valve on the process fluid end is closed before the second valve is closed, as specified in Subsection H.2 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

620 Open-ended valves or lines: Monitor and repair in accordance with Section I, as specified in Subsection H.4 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

621 Valves in gas/vapor service and in light liquid service: VOC, Total monitored by the regulation's specified method(s) quarterly, as specified in Subsection I.1 of the Louisiana MACT Determination for Non-HON Equipment Leak (March 30, 1995). Monitor using the method specified in Subsection P.2. If an instrument reading of 1000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection I.3. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

622 Valves in gas/vapor service and in light liquid service (percent leaking valves  $\geq 4$ ): VOC, Total monitored by the regulation's specified method(s) monthly, as specified in Subsection I.7 of the Louisiana MACT Determination for Non-HON Equipment Leak (March 30, 1995). Monitor using the method specified in Subsection P.2. Initiate monthly monitoring within 60 days of the previous monitoring and continue until the percent of leaking valves is less than 4, at which time monitoring can be performed in accordance with Subsection I.1. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

623 Valves in gas/vapor service and in light liquid service (percent leaking valves  $\leq 2$  for two consecutive quarterly leak detection periods): VOC, Total monitored by the regulation's specified method(s) semiannually, as specified in Paragraph J.2.a of the Louisiana MACT Determination for Non-HON Equipment Leak (March 30, 1995). Monitor using the method specified in Section P. If the percentage of valves leaking is greater than 2 for any monitoring period, comply with the requirements as described in Section I, as specified in Paragraph J.2.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Optional alternative to quarterly monitoring. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

624 Valves in gas/vapor service and in light liquid service (percent leaking valves  $\leq 2$  for two consecutive semiannual leak detection periods): VOC, Total monitored by the regulation's specified method(s) annually, as specified in Paragraph J.2.b of the Louisiana MACT Determination for Non-HON Equipment Leak (March 30, 1995). Monitor using the method specified in Section P. If the percentage of valves leaking is greater than 2 for any monitoring period, comply with the requirements as described in Section I, as specified in Paragraph J.2.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Optional alternative to quarterly monitoring. [LAC 33:III.5109.A]

Which Months: All Year Statistical Basis: None specified

625 Valves in gas/vapor service and in light liquid service: Repair leaks as soon as practicable, but no later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection I.3 and I.4 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Make a first attempt at repair no later than 5 calendar days after each leak is detected. [LAC 33:III.5109.A]

626 Valves in gas/vapor service and in light liquid service (unsafe-to-monitor): Demonstrate that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with Subsection I.1, as specified in Subsection I.5.a of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Comply with this requirement instead of the requirements in Subsection I.1. [LAC 33:III.5109.A]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### **GRP014 Fugitive Emissions of VHAPS**

- 627 Valves in gas/vapor service and in light liquid service (unsafe-to-monitor): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valve as frequently as practicable during safe-to-monitor times, as specified in Subsection I.5.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. Comply with this requirement instead of the requirements in Subsection I.1. [LAC 33:III.5109.A]
- Which Months: All Year Statistical Basis: None specified
- 628 Valves in gas/vapor service and in light liquid service (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than two meters above a support service, as specified in Subsection I.6.a of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Comply with this requirement instead of the requirements in Subsection I.1. [LAC 33:III.5109.A]
- 629 Valves in gas/vapor service and in light liquid service (difficult-to-monitor): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valve at least once per calendar year, as specified in Subsection I.6.c of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Monitor using the method specified in Subsection P.2. Comply with this requirement instead of the requirements in Subsection I.1. [LAC 33:III.5109.A]
- Which Months: All Year Statistical Basis: None specified
- 630 Instrument systems and pressure relief devices in liquid service; and pumps, valves, connectors, and agitators in heavy liquid service: VOC, Total monitored by the regulation's specified method(s) within 5 days of finding evidence of a potential leak by visual, audible, olfactory, or any other detection method, as specified in Section K.1 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Monitor using the method specified in Subsection P.2. If an instrument reading of 10000 ppm or greater for agitators, 2000 ppm or greater for pumps or 1000 ppm or greater for valves, connectors, instrument systems, or pressure relief devices is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection K.3. [LAC 33:III.5109.A]
- Which Months: All Year Statistical Basis: None specified
- 631 Instrument systems and pressure relief devices in liquid service; and pumps, valves, connectors, and agitators in heavy liquid service: Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection K.3 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Make a first attempt at repair no later than 5 calendar days after each leak is detected. [LAC 33:III.5109.A]
- 632 Surge control vessels and bottoms receivers: Equip each surge control vessel and bottoms receiver that is not routed back to the process with a closed-vent system that routes the organic vapors vented from the vessel back to the process or to a control device that complies with the requirements of Section N or to an alternate method of control which has been approved by DEQ, as specified in Section L of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]
- 633 Delay of Repair: Repair equipment before the end of the next process unit shutdown, if repair is technically infeasible without a process unit shutdown, as specified in Subsection M.1 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]
- 634 Connectors in gas/vapor service and in light liquid service: VOC, Total monitored by the regulation's specified method(s) once initially, as specified in Subsections O.1 and O.2 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Monitor using the method specified in Section P. If an instrument reading  $\geq 1000$  ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection O.9, except as provided in Section M. [LAC 33:III.5109.A]
- Which Months: All Year Statistical Basis: None specified
- 635 Connectors in gas/vapor service and in light liquid service (percent of leaking connectors  $\leq 2$ ): VOC, Total monitored by the regulation's specified method(s) annually, as specified in Subsections O.2 and O.4 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Monitoring must be performed within one year from the previous monitoring. Monitor using the method specified in Section P. If an instrument reading  $\geq 1000$  ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection O.9, except as provided in Section M. [LAC 33:III.5109.A]
- Which Months: All Year Statistical Basis: None specified

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### GRP014 Fugitive Emissions of VHAPS

- 636 Connectors in gas/vapor service and in light liquid service (percent of leaking connectors > 2): VOC, Total monitored by the regulation's specified method(s) quarterly until good performance is obtained or until four quarterly monitorings have been performed, as specified in Subsections O.2 and O.5 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). If good performance has not been obtained after four quarters of monitoring, monitor the remaining unchecked connectors within six months of the last quarterly monitoring period, as specified in Subsection O.6 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). If monitoring of the remaining connectors indicates good performance, monitor in accordance with Subsection O.4. If monitoring of the remaining connectors indicates that good performance has not been obtained, monitor in accordance with Subsection O.5. Monitor using the method specified in Section P. If an instrument reading  $>= 1000$  ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection O.9, except as provided in Section M. [LAC 33:III.5109.A]
- Which Months: All Year Statistical Basis: None specified
- 637 Connectors in gas/vapor service and in light liquid service (welded completely around the circumference of the interface or physically removed and the pipe welded together): Equipment/operational data monitored by the regulation's specified method(s) within three months after being welded. Check the integrity of the weld by monitoring according to the procedures in Section P or by testing using x-ray, acoustic monitoring, hydrotesting, or other applicable method, as specified in Subsection O.7 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Comply with this requirement instead of the requirements in Subsection O. [LAC 33:III.5109.A]
- Which Months: All Year Statistical Basis: None specified
- 638 Connectors in gas/vapor service and in light liquid service (opened or otherwise had the seal broken): VOC, Total monitored by the regulation's specified method(s) within 90 days after being returned to VOTAP service. Monitor each connector that has been opened or has otherwise had the seal broken, including those determined to be unrepairable prior to process unit shutdown, as specified in Paragraph O.8.a of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Monitor using the method specified in Section P. If the follow-up monitoring detects a leak, initiate repair provisions specified in Subsection O.9, unless it is determined to be unrepairable, in which case it is counted as unrepairable. [LAC 33:III.5109.A]
- Which Months: All Year Statistical Basis: None specified
- 639 Connectors in gas/vapor service and in light liquid service ( $\leq 1$  inch in diameter): Comply with the requirements of Section K, as specified in Paragraph O.8.b of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Comply with this requirement instead of the requirements in Paragraph O.2. [LAC 33:III.5109.A]
- 640 Connectors in gas/vapor service and in light liquid service ( $\leq 1$  inch in diameter): VOC, Total monitored by the regulation's specified method(s) within 90 days after being returned to VOTAP service. Monitor each connector that has been opened or has otherwise had the seal broken, as specified in Paragraph O.8.b of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Monitor using the method specified in Section P. If the follow-up monitoring detects a leak, initiate repair provisions specified in Subsection O.9. Comply with this requirement instead of the requirements in Paragraph O.2. [LAC 33:III.5109.A]
- Which Months: All Year Statistical Basis: None specified
- 641 Connectors in gas/vapor service and in light liquid service: Repair Leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Subsection O.8. Make a first attempt at repair no later than 5 calendar days after each leak is detected. If a leak is detected, monitor the for leaks within the first 90 days after its repair, as specified in Subsection O.9 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]
- 642 Connectors in gas/vapor service and in light liquid service (unsafe-to-monitor): Determine that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with Subsections O.2 through O.6, as specified in Subsection O.10.a of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Comply with this requirement instead of the requirements in Subsection O.2 through O.6. [LAC 33:III.5109.A]
- 643 Connectors in gas/vapor service and in light liquid service (unsafe-to-monitor): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Maintain a written plan that requires monitoring as frequently as practicable during safe to monitor periods, as specified in Subsection O.10.b of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Monitor using the method in Section P. Comply with this requirement instead of the requirements in Subsection O.2 through O.6. [LAC 33:III.5109.A]
- Which Months: All Year Statistical Basis: None specified

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### GRP014 Fugitive Emissions of VHAPS

- 644 Connectors in gas/vapor service and in light liquid service (inaccessible or glass or glass-lined): Repair leaks as soon as practicable, but no later than 15 calendar days after detecting a leak by visual, audible, olfactory or other means, except as specified in Subsection O.8, as specified in Subsection O.11.b of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Make a first attempt at repair no later than 5 calendar days after the leak is detected, as specified in Subsection O.11.c of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Comply with this requirement instead of the monitoring requirements of Subsection O.2 through O.6 and the recordkeeping and reporting requirements. [LAC 33:III.5109.A]
- 645 Connectors in gas/vapor service and in light liquid service: Calculate the percent leaking connectors using the equation in Subsection O.12 for use in determining the monitoring frequency, as specified in Subsection O.12 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]
- 646 Comply with the test methods and procedures in Section P, as specified in Subsections P.1 through P.5 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]
- 647 Attach a weatherproof and readily visible identification, marked with the equipment identification, to leaking equipment, as specified in Subsection Q.2 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]
- 648 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in Subsections Q.1 through Q.13 as applicable, as specified in Section Q of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]
- 649 Submit report: Due semiannually starting six months after the initial report required in Subsection R.1. Include the information specified in Paragraphs R.2.a through R.2.c, as specified in Subsection R.2 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]
- 650 Valves in gas/vapor service and in light liquid service (skip period leak detection and repair): Notify DEQ 30 days before implementing any of the alternate provisions of Section J, as specified in Subsection R.4 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]

### GRP015 Propylene Oxide Loading and Fugitives

- 651 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT has been determined to be compliance with NESHAP 40 CFR 61 Subpart BB when loading propylene oxide. For fugitive emissions of propylene oxide MACT has been determined to be compliance with 40 CFR 61 Subpart V. (See GRP016, Benzene Loading and Fugitives for details on the loading requirements.) STATE ONLY Requirement. [LAC 33:III.5109.A]

### GRP016 Benzene Loading and Fugitives

- 652 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT for benzene loading operations has been determined to be compliance with Subpart BB National Emission Standards for Benzene Emissions from Benzene Transfer Operations. Dedicated flares/combustors at the truck loading, railcar loading, and marine loading sites provide >98% control efficiency of benzene emissions. MACT for fugitive emissions of benzene has been determined to be compliance with 40 CFR 61 Subpart J National Emission Standards for Equipment Leaks (Fugitive Emission Sources) of Benzene and Subpart V National Emission Standards for Equipment Leaks (Fugitive Emission Source). [LAC 33:III.5109.A]
- 653 Comply with the requirements of 40 CFR 61 Subpart V. Subpart J. [40 CFR 61.112(a)]
- 654 Mark each piece of equipment so that it can be distinguished readily from pieces of equipment not subject to 40 CFR 61 Subpart V. Subpart V. [40 CFR 61.242-1(d)]
- 655 Pumps in VHAP service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, except as specified in 40 CFR 61.242-1(c) and 40 CFR 61.242-2(d), (e) and (f). If a leak is detected, initiate repair provisions specified in 40 CFR 61.242-2(c). Subpart V, Which Months: All Year Statistical Basis: None specified

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### GRP016 Benzene Loading and Fugitives

- 656 Pumps in VHAP service: Presence of a leak monitored by visual inspection/determination weekly [calendar]. Monitor for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 61.242-2(c). Subpart V. [40 CFR 61.242-2(a)(2)]
- Which Months: All Year Statistical Basis: None specified
- 657 Pumps: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-2(c)]
- 658 Pumps (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 61.242-11; or equip with a system that purges the barrier fluid into a process stream with zero VHAP emissions to the atmosphere. Subpart V. [40 CFR 61.242-2(d)(1)]
- 659 Pumps (dual mechanical seal system): Ensure that the barrier fluid is covered by standards under 40 CFR Part 60, not in VOC service. Subpart V. [40 CFR 61.242-2(d)(2)]
- 660 Pumps (dual mechanical seal system): Equip with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart V. [40 CFR 61.242-2(d)(3)]
- 661 Pumps (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquid dripping from the pump seal at the time of the weekly inspection, monitor the pump as specified in 40 CFR 61.245 to determine the presence of VOC and VHAP in the barrier fluid. If the monitor reading (taking into account any background readings) indicates the presence of VHAP, a leak is detected. If an instrument reading of 10,000 ppm or greater (total VOC) is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 61.242-2(d)(6). Subpart V. [40 CFR 61.242-2(d)(4)]
- Which Months: All Year Statistical Basis: None specified
- 662 Pumps (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Subpart V. [40 CFR 61.242-2(d)(6)(i)]
- 663 Pumps (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-2(d)(6)]
- 664 Pumps (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 61.242-2(d)(6)(i), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 61.242-2(d)(6). Subpart V. [40 CFR 61.242-2(d)]
- Which Months: All Year Statistical Basis: None specified
- 665 Pumps (no detectable emissions): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Subpart V. [40 CFR 61.242-2(e)(3)]
- Which Months: All Year Statistical Basis: None specified
- 666 Pumps (unsafe-to-monitor): Demonstrate that the pump is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 61.242-2(a). Subpart V. [40 CFR 61.242-2(g)(1)]
- 667 Pumps (unsafe-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the pump as frequently as practicable during safe-to-monitor times but not more frequently than the periodic monitoring schedule otherwise applicable, and repair according to the procedures in 40 CFR 61.242-2(c) if a leak is detected. Subpart V. [40 CFR 61.242-2(E)(2)]
- Which Months: All Year Statistical Basis: None specified
- 668 Pumps (unmanned plant site): Presence of a leak monitored by visual inspection/determination at the regulation's specified frequency. Monitor each pump as often as practicable and at least monthly. Subpart V. [40 CFR 61.242-2(h)]
- Which Months: All Year Statistical Basis: None specified

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### GRP016 Benzene Loading and Fugitives

- 669 Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to atmosphere, except as provided in 40 CFR 61.242-1(c) and 40 CFR 61.242-3(h) and (i). Subpart V. [40 CFR 61.242-3(a)]
- 670 Compressors: Operate the seal system with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure; or equip the seal system with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 61.242-11; or equip the seal system with a system that purges the barrier fluid into a process stream with zero VHAP emissions to atmosphere. Subpart V. [40 CFR 61.242-3(b)]
- 671 Compressors: Ensure that the barrier fluid is not in VHAP service and, if the compressor is covered by standards under 40 CFR part 60, is not in VOC service. Subpart V. [40 CFR 61.242-3(c)]
- 672 Compressors: Equip each barrier fluid system as described in 40 CFR 61.242-3(a) through (c) with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart V. [40 CFR 61.242-3(d)]
- 673 Compressors (sensor): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart V. [40 CFR 61.242-3(e)(2)]
- 674 Compressors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-3(g)]
- 675 Compressors (no detectable emissions): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Subpart V. [40 CFR 61.242-3(i)(2)]
- Which Months: All Year Statistical Basis: None specified
- 676 Compressors (sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm, unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined under 40 CFR 61.242-3(e)(2), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 61.242-3(g). Subpart V. [40 CFR 61.242-3]
- Which Months: All Year Statistical Basis: None specified
- 677 Pressure relief devices in gas/vapor service: VOC, Total < 500 ppm above background, except during pressure releases, as measured by the method in 40 CFR 61.245(c). Subpart V. [40 CFR 61.242-4(a)]
- Which Months: All Year Statistical Basis: None specified
- 678 Pressure relief device in gas/vapor VHAP service: After each pressure release, return to a condition of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-3(e)(2)]
- 679 Pressure relief device in gas/vapor VHAP service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) of pressure release to confirm the condition of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in 40 CFR 61.245(c). Subpart V. [40 CFR 61.242-4(b)(2)]
- Which Months: All Year Statistical Basis: None specified
- 680 Pressure relief devices in gas/vapor service (rupture disk): After each pressure release, install a new rupture disk upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 61.242-4(d)(2)]
- 681 Sampling connecting systems: Equip with a closed-purge, closed-loop, or closed-vent system, except as provided in 40 CFR 61.242-1(c). Operate the system as specified in 40 CFR 61.242-5(b). Subpart V. [40 CFR 61.242-5]
- 682 Open-ended valves or lines: Equip with a cap, blind flange, plug or a second valve, except as provided in 40 CFR 61.242-1(c). Ensure that the cap, blind flange, plug or second valve seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line. Operate each open-ended valve equipped with a second valve in a manner such that the valve on the process fluid end is closed before the second valve is closed. Subpart V. [40 CFR 61.242-6]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC

Activity Number: PER19960001

Permit Number: 1280-00025-V0

Air - Title V Regular Permit Initial

### GRP016 Benzene Loading and Fugitives

683 Valves in VHAP service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 monthly except as specified. If a reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 61.242-7(d). Permittee may elect to comply with the alternate standards for valves in 40 CFR 61.242-7(c), 40 CFR 61.243-1 or 40 CFR 61.243-2 (skip period provisions). Subpart V. [40 CFR 61.242-7(a)]

Which Months: All Year Statistical Basis: None specified

684 Valves: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-7(d)]

685 Valves (no detectable emissions): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ, to determine compliance with 40 CFR 61.242-7(f)(2). Subpart V. [40 CFR 61.242-7(f)(3)]

Which Months: All Year Statistical Basis: None specified

686 Valves (unsafe-to-monitor): Demonstrate that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 61.242-7(a). Subpart V. [40 CFR 61.242-7(g)(1)]

687 Valves (unsafe-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valve as frequent as practicable during safe-to-monitor times. Subpart V. [40 CFR 61.242-7(g)(2)]

Which Months: All Year Statistical Basis: None specified

688 Valves (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface. Subpart V. [40 CFR 61.242-7(h)(1)]

689 Valves (difficult-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the valve at least once per calendar year. Subpart V. [40 CFR 61.242-7(h)(3)]

Which Months: All Year Statistical Basis: None specified

690 Pressure relief devices in liquid service and connectors: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 5 days if evidence of a potential leak is found by visible, audible, olfactory, or any other detection method and comply with the requirements of 40 CFR 61.242-8(b) through (d), OR eliminate the visual, audible, olfactory or other indication of a potential leak, except as specified in 40 CFR 61.242-1(c). If a reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 61.242-8(c). Subpart V. [40 CFR 61.242-8(a)]

Which Months: All Year Statistical Basis: None specified

691 Pressure relief devices in liquid service and connectors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-8(c)]

692 Surge control vessels and bottoms receivers: Equip with a closed-vent system capable of capturing and transporting any leakage from the vessel back to the process or to a control device as described in 40 CFR 61.242-11 except as specified in 40 CFR 61.242-1(c), or comply with the requirements of 40 CFR 63.119(b) or (c), if surge control vessel or bottoms receiver is not routed back to the process and meets the conditions specified in 40 CFR 61. Subpart V Table 1 or Table 2. Subpart V. [40 CFR 61.242-9]

693 Comply with the test methods and procedures requirements provided in 40 CFR 61.245. Subpart V. [40 CFR 61.245(a)]

694 Attach a weatherproof and readily visible identification, marked with the equipment identification number, to a leaking component detected as specified in 40 CFR 61.242-2, 40 CFR 61.242-3, 40 CFR 61.242-7, 40 CFR 61.242-8, and 40 CFR 61.135. The identification may be removed after it has been monitored for 2 successive months as specified in 40 CFR 61.242-7(c) and no leak has been detected during those 2 months. The identification on equipment, except on a valve, may be removed after it has been repaired. Subpart V. [40 CFR 61.246(b)]

695 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 61.246(b) through (j). Subpart V. [40 CFR 61.246]

696 Submit report: Due semiannually, starting 6 months after the initial report required in 40 CFR 61.247(a). Include the information specified in 40 CFR 61.247(b)(1) through (b)(5). Subpart V. [40 CFR 61.247(b)]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### **GRP016 Benzene Loading and Fugitives**

- 697 Submit notification: Due 90 days before implementing alternative standards of 40 CFR 61.243-1 or 40 CFR 61.243-2. Subpart V. [40 CFR 61.247(d)]
- 698 Submit Notification in writing: Due within 90 days of the effective date of 40 CFR 61 Subpart V, except as specified. Submit a statement that the requirements of 40 CFR 61.242, 40 CFR 61.245, 40 CFR 61.246 and 40 CFR 61.247 are being implemented. Include the information specified in 40 CFR 61.247(a)(5) and (c). Subpart V. [40 CFR 61.247]
- 699 Submit Notification in writing: Due with the application for approval of construction, as described in 40 CFR 61.07. Submit a statement that the requirements of 40 CFR 61.242, 40 CFR 61.245, 40 CFR 61.246 and 40 CFR 61.247 are being implemented. Include the information specified in 40 CFR 61.247(a)(5) and (c). Subpart V. [40 CFR 61.247]
- 700 If loading marine vessels only, achieve compliance with the provisions in 40 CFR 61 Subpart BB on and after July 23, 1991. If loading marine vessels and tank trucks or railcars, the marine vessel loading racks must achieve compliance with 40 CFR 61 Subpart BB on and after July 23, 1991, while the tank truck loading racks and railcar loading racks must achieve compliance as required by 40 CFR 61.12. Subpart BB. [40 CFR 61.300(e)]
- 701 Equip with a vapor collection system that is designed to collect all benzene vapors displaced from tank trucks, railcars, or marine vessels during loading, and to prevent any benzene vapors collected at one loading rack from passing through another loading rack to the atmosphere. Subpart BB. [40 CFR 61.302(a)]
- 702 Benzene >= 98 % reduction by weight using a control device. Subpart BB. [40 CFR 61.302(b)]
- Which Months: All Year Statistical Basis: None specified
- 703 Comply with 40 CFR 61.302(c) by complying with 40 CFR 60.18(b) through (f). [40 CFR 61.302(c)]
- 704 Limit loading of benzene into vapor-tight tank trucks and vapor-tight railcars by obtaining the vapor-tightness documentation described in 40 CFR '61.305(h)' for each tank truck or railcar loaded. The test date in the documentation must be within the preceding 12 months. Cross-check the identification number for each tank truck or railcar to be loaded with the file of vapor-tightness documentation before the corresponding tank truck or railcar is loaded. If no documentation is on file, obtain a copy of the information from the tank truck or railcar operator before the tank truck or railcar is loaded. Subpart BB. [40 CFR 61.302(d)]
- 705 Limit the loading of benzene into marine vessels to those vessels that are vapor tight by ensuring that each marine vessel is loaded with the benzene product tank below atmospheric pressure (i.e., at negative pressure). If the pressure is measured at the interface between shoreside vapor collection pipe and marine vessel vapor line, the pressure measured according to the procedures in 40 CFR 61.303(f) must be below atmospheric pressure.
- OR
- Limit the loading of benzene into marine vessels to those vessels that are vapor tight by using the procedure in 40 CFR 61.302(e)(2)(i) through (iii) to obtain the vapor-tightness documentation described in 40 CFR 61.305(h).
- OR
- Limit the loading of benzene into marine vessels to those vessels that are vapor tight by obtaining a copy of the marine vessel's vapor-tightness documentation described in 40 CFR 61.305(h) for a test conducted within the preceding 12 months in accordance with 40 CFR 61.304(f). Subpart BB Subpart BB. [40 CFR 61.302(e)(1, 2, or 3)]
- 706 Limit the loading of benzene into marine vessels to those vessels that are vapor tight by obtaining a copy of the marine vessel's vapor-tightness documentation described in 40 CFR 61.305(h) for a test conducted within the preceding 12 months in accordance with 40 CFR 61.304(f). Subpart BB. [40 CFR 61.302(e)(3)]
- 707 Limit loading of benzene to tank trucks, railcars, and marine vessels equipped with vapor collection equipment that is compatible with the facility's vapor collection system. Subpart BB. [40 CFR 61.302(f)]
- 708 Limit loading of benzene into tank trucks, railcars, and marine vessels to those whose collection systems are connected to the facility's vapor collection systems. Subpart BB. [40 CFR 61.302(g)]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-V0  
Air - Title V Regular Permit Initial

### **GRP016 Benzene Loading and Fugitives**

- 709 Ensure that the vapor collection and benzene loading equipment of tank trucks and railcars is designed and operated to prevent gauge pressure in the tank truck or railcar tank from exceeding, during loading, the initial pressure the tank was pressured up to and shown to be vapor tight at during the most recent vapor-tightness test using 40 CFR 60, Appendix A, Method 27. This vapor-tightness test pressure is not to be exceeded when measured by the procedures specified in 40 CFR 61.304(c). Subpart BB. [40 CFR 61.302(h)]
- 710 Ensure that no pressure-vacuum vent in the vapor collection system for tank trucks and railcars shall begin to open at a system pressure less than the maximum pressure at which the tank truck or railcar is operated. Subpart BB. [40 CFR 61.302(h)]
- 711 Ensure that the maximum normal operating pressure of the marine vessel's vapor collection equipment shall not exceed 0.8 times the relief set pressure of the pressure-vacuum vents. This level is not to be exceeded when measured by the procedures specified in 40 CFR 61.304(d). Subpart BB. [40 CFR 61.302(j)]
- 712 Pressure monitored by pressure instrument continuously. Install a recording pressure measurement device (magneticlic gauge or equivalent device) and an audible and visible alarm system that is activated when the pressure vacuum specified in 40 CFR 61.302(e)(1) is not attained. Place the alarm system so that it can be seen and heard where cargo transfer is controlled and on the open deck. Subpart BB. [40 CFR 61.303(f)]
- Which Months: All Year Statistical Basis: None specified
- 713 Pressure recordkeeping by recorder continuously. Subpart BB. [40 CFR 61.303(f)]
- 714 Determine compliance with 40 CFR 61.302 using the test methods and procedures specified in 40 CFR 61.304(a) through (f), as appropriate. Subpart BB. [40 CFR 61.304]
- 715 Submit report: Due quarterly. Submit the initial report within 90 days after the effective date of 40 CFR 61. Subpart BB or 90 days after startup for a source that has an initial startup date after the effective date. Include the information specified in 40 CFR 61.605(f)(1) through (f)(5). Subpart BB. [40 CFR 61.305(f)]
- 716 Keep the vapor-tightness documentation required under 40 CFR 61.302(d) and (e) on file at the affected facility in a permanent form available for inspection. Subpart BB. [40 CFR 61.305(g)]
- 717 Update the documentation file required under 40 CFR 61.302(d) and (e) for each tank truck, railcar, or marine vessel at least once per year to reflect current test results as determined by the appropriate method. Include, as a minimum, the information specified in 40 CFR 61.305(h)(1) through (h)(8). Subpart BB. [40 CFR 61.305(h)]

### **GRP017 LAC 33:III.2103 Requirements**

- 718 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 719 Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. [LAC 33:III.2103.C.1.a]
- 720 Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. [LAC 33:III.2103.C.1.b]
- 721 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]
- 722 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]
- 723 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]
- 724 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

## SPECIFIC REQUIREMENTS

AI ID: 3492 - LBC Baton Rouge LLC  
Activity Number: PER19960001  
Permit Number: 1280-00025-y0  
Air - Title V Regular Permit Initial

### **GRP017 LAC 33:III.2103 Requirements**

725 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.1.]

### **GRP018 40 CFR 60 Subpart K**

726 Equip with a floating roof, a vapor recovery system, or their equivalents. Subpart K. [40 CFR 60.112(a)(1)]  
727 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

### **GRP019 40 CFR 60 Subpart Ka**

728 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112(a)(2)]  
729 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115(a)(d). Subpart Ka. [40 CFR 60.115a]

### **GRP020 40 CFR 60 Subpart Kb**

730 Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112(b)(a)(1)(i)]  
731 Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. Subpart Kb. [40 CFR 60.112(b)(a)(1)(ii)(A)]  
732 Equip internal floating roof with two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous. Subpart Kb. [40 CFR 60.112(b)(a)(1)(ii)(B)]  
733 Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112(b)(a)(1)(ii)(C)]